ORDER NO. VRD9204M120

Service Manual

General Description
Adjustment Procedures
Block / Schematic Diagrams
Exploded Views / Parts List

Panasonic S-VHS VHS PAL 625
Hi-Fi HQ

Video Cassette Recorder

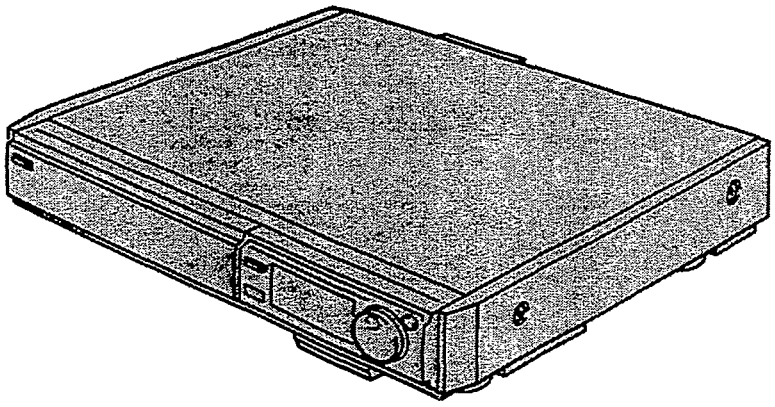
NV-FS200B/EC
NV-FS88B/EC

Jog/Shuttle Remote Controller

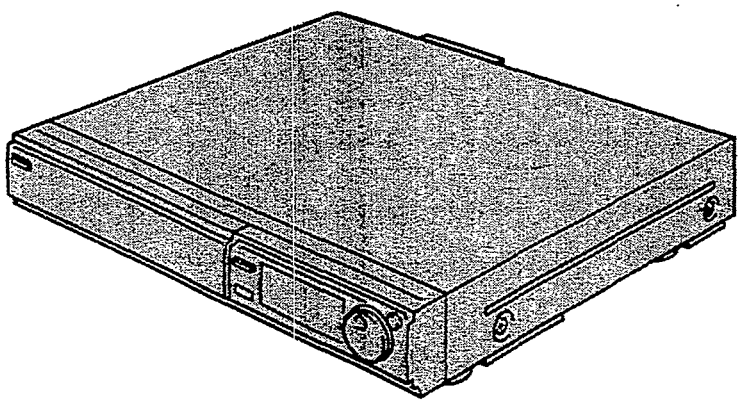
VW-R88E

VPS Decoder

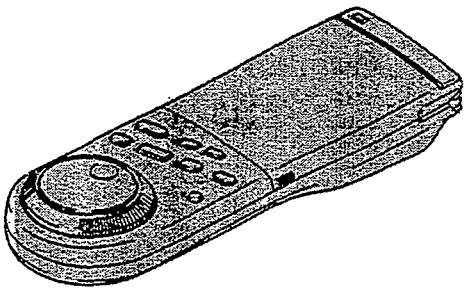
VW-VPS6E



NV-FS200B/EC



NV-FS88B/EC



VW-R88E

Panasonic

TechInfo Sheet

fax: 01344 853689

Audio Visual

email: av.technical@mail.panasonic.co.uk

Product Group: SVHS Video **Model: NV-FS200B**
Date: 22/09/98 **Revision No: 01** **Document No: 01**
Subject: Display Not Operative

SYMPTOM: The display on the unit shuts down.

CAUSE: Q1701 goes O/C due to a breakdown of D1702 caused by temperature.

REMEDY:

1. Change D1702 (MA4300H) to **Part No. MA4270M**.
2. Change Q1701 to **Part No. 2SD973B-R**.
3. Add a 2200pF Capacitor **(ECKF1H222KB)** between the base and emitter of Q1701.

EFFECTIVE FROM: Serial No.: **K3**.....

TechInfo Sheet

fax: 01344 853689

Audio Visual

email: av.technical@mail.panasonic.co.uk

Product Group: SVHS VCR **Model: NV-FS200B**

Date: 22/09/98 **Revision No: 01** **Document No: 02**

Subject: Improvement of Chroma Signal at Pause Release

SYMPTOM: Chrominance dropout is evident when the pause is released in playback mode.

REMEDY: Please use the following to remedy this problem.

1. Add a resistor 4.7K Ohm between IC801 Pin 6 and 11 on the chrominance/luminance pack (VEP03894).

2. Change capacitor C810 (50V 2.2uF) to **50V 1.0uF** on the chrominance/luminance pack (VEP03894). **SYMPTOM**:

TechInfo Sheet

fax: 01344 853689

Audio Visual

email: av.technical@mail.panasonic.co.uk

Product Group:SVHS VCR **Model: NV-FS88B**
Date: 22/09/98 **Revision No: 01** **Document No: 02**
Subject: Improvement of Chroma Signal at Pause Release

SYMPTOM: Chrominance dropout is evident when the pause is released in playback mode.

REMEDY: Please use the following to remedy this problem.

1. Add a resistor 4.7K Ohm between IC801 Pin 6 and 11 on the chrominance/luminance pack (VEP03894).

2. Change capacitor C810 (50V 2.2uF) to **50V 1.0uF** on the chrominance/luminance pack (VEP03894).

TechInfo Sheet

fax: 01344 853689

Audio Visual

email: av.technical@mail.panasonic.co.uk

Product Group: SVHS Video **Model: NV-FS88B**
Date: 22/09/98 **Revision No: 01** **Document No: 01**
Subject: Display Not Operative

SYMPTOM: The display on the unit shuts down.

CAUSE: Q1701 goes O/C due to a breakdown of D1702 caused by temperature.

REMEDY:

1. Change D1702 (MA4300H) to **Part No. MA4270M**.
2. Change Q1701 to **Part No. 2SD973B-R**.
3. Add a 2200pF Capacitor **(ECKF1H222KB)** between the base and emitter of Q1701.

EFFECTIVE FROM: Serial No.: **K3**.....

SPECIFICATIONS (NV-FS200B/EC, NV-FS88B/EC)

ITEM	SPECIFICATION		ITEM	SPECIFICATION
POWER	SOURCE: 220~240V AC 50/60Hz		AUDIO	HEAD: 1 Stationary head (Normal Audio) 2 rotary heads (Hi-Fi 2CH)
	CONSUMPTION: 41 watts (NV-FS200B) 42 watts (NV-FS200EC) 38 watts (NV-FS88B) 39 watts (NV-FS88EC)			INPUT: EURO AV (AV1/AV2) Connectors (21 pin) More than −6dBV (500mV), more than 10kΩ AUDIO IN (AV3/AV4: NV-FS200B/EC) Connectors (Phono type) More than −10dBV (316mV), more than 47kΩ MICROPHONE JACK −70dBV
RECORDING SYSTEM	2 rotary heads, helical scanning system			OUTPUT: EURO AV (AV1/AV2) Connectors (21 pin) −6dBV (500mV), Less than 1kΩ AUDIO OUT (AV3) Connector (Phono type) −8dBV (400mV), Less than 1kΩ HEAD PHONE Jack −30dBV, 8Ω
	PAL			TRACK: 1 track (Normal-mono only) 2 channels (Hi-Fi Sound-Stereo)
TV TUNER SYSTEM	NV-FS200B, NV-FS88B	UHF: CH21~CHE69 (PAL I) 75Ω unbalanced	TAPE FORMAT	S-VHS, VHS Cassette tape (Tape width 12.7mm)
	NV-FS200EC, NV-FS88EC	VHF I: CHE2~CHS3 VHF III: CHM1~CHE12 VHF H: CHU1~CHS41 (PAL/SECAM B) 75Ω unbalanced UHF: CH21~CH69 (PAL/SECAM G) 75Ω unbalanced	TAPE SPEED	SP: 23.39mm/s LP: 11.695mm/s Record/Playback Time: SP: 4 hours with 240min. type tape LP: 8 hours with 240min. type tape FF/REW Time 2.5min. with 180min. type tape
RF OUT SYSTEM	NV-FS200B, NV-FS88B	UHF: CH36±4 (PAL I) 73±3dBμ, 75Ω terminated	DIMENSIONS	460(W)×109(H)×403(D)mm (NV-FS200B/EC) 430(W)×109(H)×403(D)mm (NV-FS88B/EC)
	NV-FS200EC, NV-FS88EC	UHF: CH36±4 (PAL/SECAM G) 70^{+2}_{-3}dBμ, 75Ω terminated	WEIGHT	8.0kg (NV-FS200B/EC) 7.5kg (NV-FS88B/EC)
VIDEO	HEADS: 4 rotary heads 1 pair for SP recording, playback and trick play (L-R heads) 1 pair for LP recording, playback and trick play (L'-R' heads), 1 flying erase head		STANDARD ACCESSORIES	1 pc. DIN-RF Cable 1 pc. Infra-red Remote Contoroller 1 pc. Audio Cables 1 pc. Digital Scanner (NV-FS200B/EC) 1 pc. Programme Sheet 1 pc. AC Mains Lead 1 pc. 4P Cable
	INPUT: EURO AV (AV1/AV2) Connectors (21pin) 1.0Vp-p, 75Ω terminated S-VIDEO IN (AV3/AV4: NV-FS200B/EC) Connectors (S4pin) Y: 1.0Vp-p, 75Ω unbalanced C: 0.3Vp-p, 75Ω unbalanced VIDEO IN (AV4: NV-FS200B/EC) Connector (Phono type) 1.0Vp-p, 75Ω terminated			
	OUTPUT: EURO AV (AV1/AV2) Connectors (21pin) 1.0Vp-p, 75Ω terminated S-VIDEO OUT (AV3) Connector (S4pin) Y: 1.0Vp-p, 75Ω unbalanced C: 0.3Vp-p, 75Ω unbalanced			

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

SPECIFICATIONS (VW-R88E)

ITEM	SPECIFICATION
POWER SOURCE	DC 4.5V
DIMENSIONS	75 (W)×37 (H)×230.5 (D)mm
WEIGHT	220g (without batteries)

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

SERVICE INFORMATION

1-1. HOW TO CHECK THE CRACKED CHIP PART

(1) Apply heat to the soldered portions of chip part using a soldering iron for about 2–3 seconds.
(2) If the chip part is faulty,it will be broken or cracked.

Caution: Do not leave soldering iron on the PCB too long as damage may occur to the PCB or the chip parts.

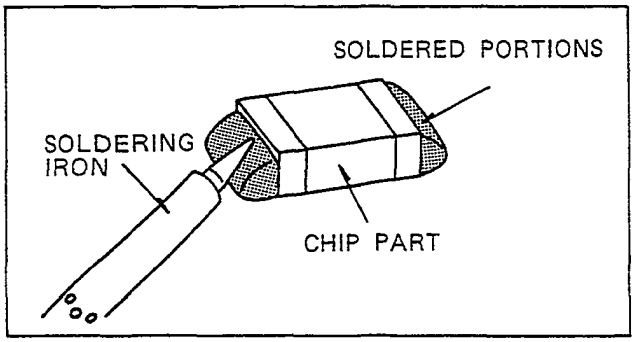


FIG. G1

Note: Regarding intermittent faults
The main causes of these faults are poor soldering and cracked chip parts.

1-2. HOW TO REPLACE THE CHIP PART

1) REMOVAL (RESISTOR, CAPACITOR, etc...)

(1) Presolder the one side of soldering portion for chip part and grasp the chip part by tweezers.

(2) Melt the presoldered portion. And then remove the chip part with a twisting motion while melting the soldering portion of another side quickly.

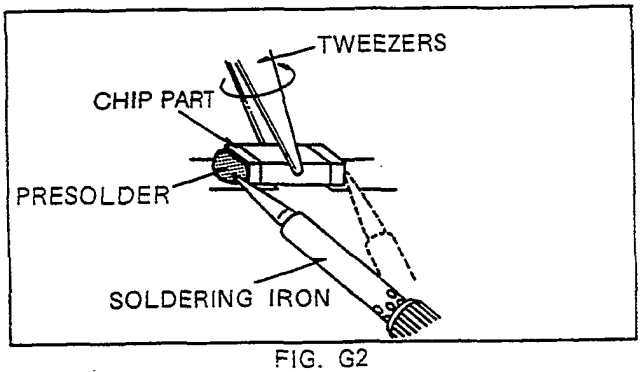


FIG. G2

2) REMOVAL (transistor, diode, etc...)

(1) Grasp the chip part with tweezers and melt the solder of one lead.

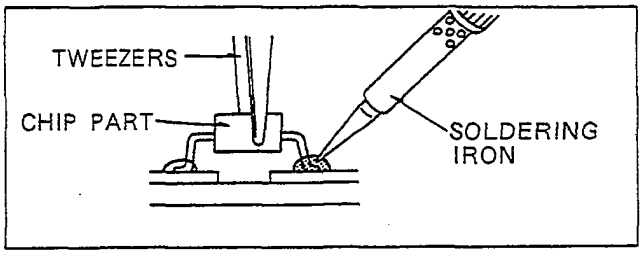


FIG. G3

(2) Lift the side of that lead upward.

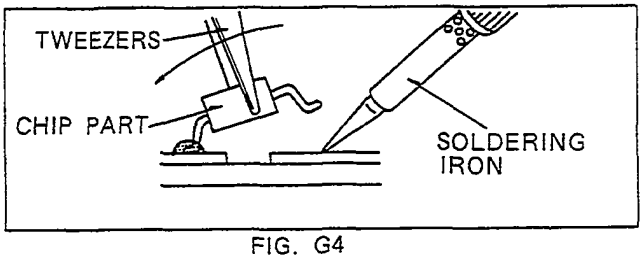


FIG. G4

Caution: Do not lift the chip part too high as damage may occur to the PCB or the leads that are still soldered on the PCB.

(3) Simultaneously heat the solder of the two remaining leads and lift part to remove.

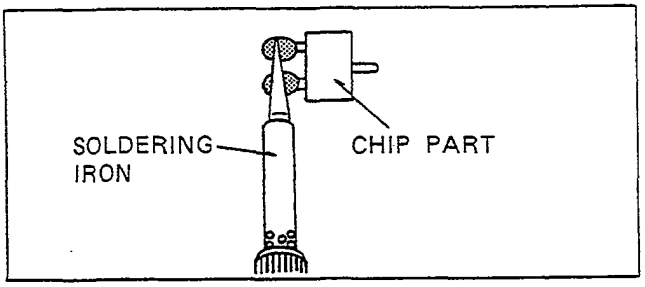


FIG. G5

3) INSTALLATION

(1) Presolder the one side of contact point on the circuit board.

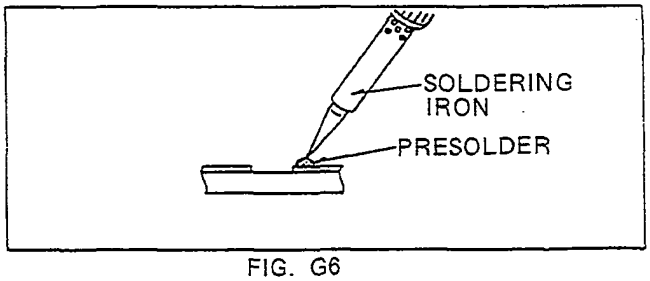


FIG. G6

(2) To install the chip part,hold in position using tweezers, apply heat to the pre-soldered portions using a fine tip soldering iron.
(3) Solder the other side of the chip part.
(4) Check your soldering.

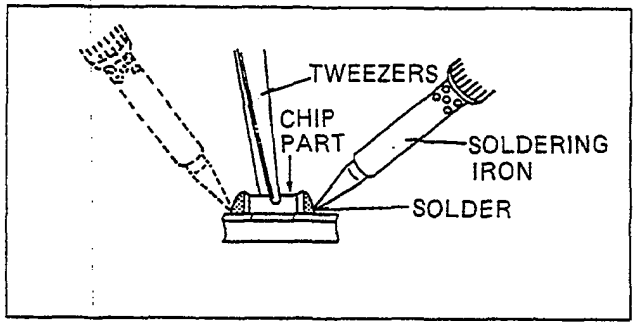


FIG. G7

1-3. HOW TO REMOVE THE FLAT-IC

(WITH HOT-AIR FLAT-IC DESOLDERING MACHINE)

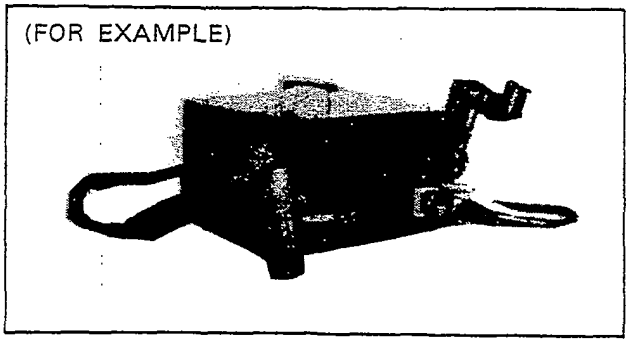


FIG. G8

(1) Prepare the HOT-AIR FLAT-IC DESOLDERING MACHINE. And then apply hot air to FLAT-IC about 5 ~ 8 seconds.

(2) Remove the FLAT-IC with tweezers while applying the hot air.

Caution: Do not supply the hot air to the chip parts around the Flat-IC for long time as as damage may occur to the chip parts around the Flat -IC.

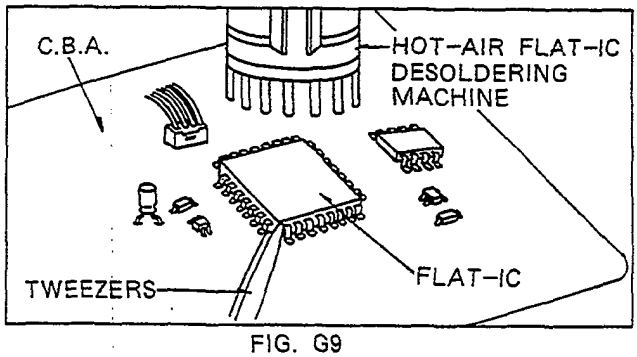


FIG. G9

(WITH SOLDERING IRON)

(1) Using solder braid remove the solder from all pins of the Flat-IC.
When you use the solder flux which is applied to all pins of the Flat-IC,you can remove it easily.

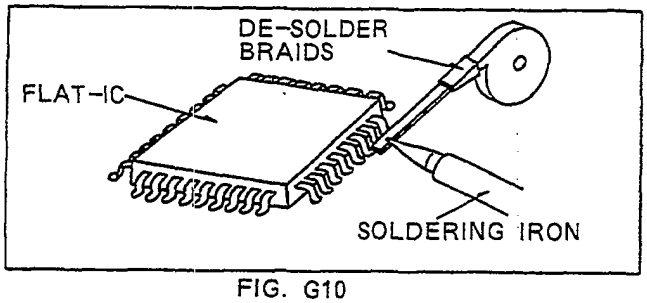


FIG. G10

(2) Lift each lead of the Flat-IC upward one by one using a sharp pin or non solder wire(iron wire),while heating the pins using a fine tip soldering iron or a hot air blower.

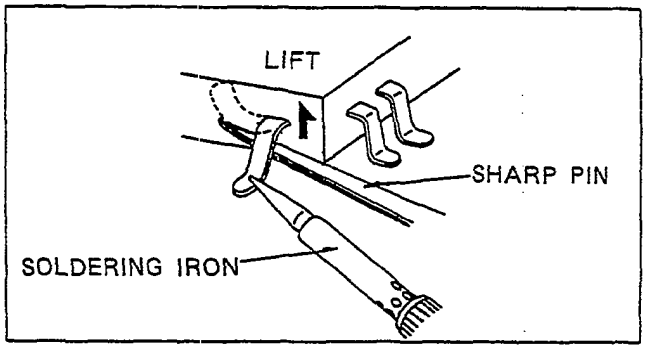


FIG. G11

(WITH IRON WIRE)

(1) Affix the wire to workbench or solid mounting point as shown in FIG.G12.
(2) Pull up wire as the solder melts so as to lift the IC lead from the PCB contact pad,while heating the pins using a fine tip soldering iron or hot air blower.

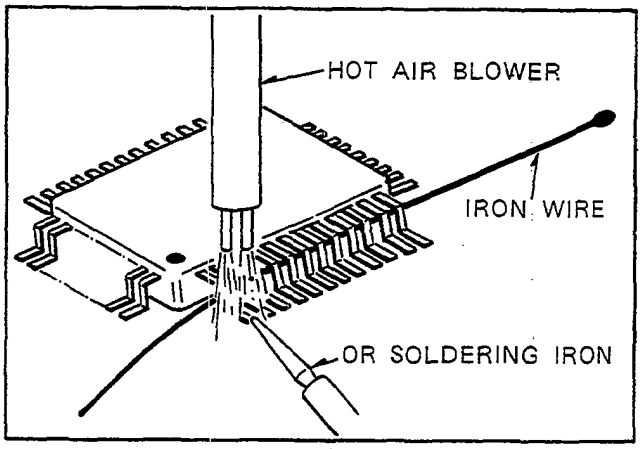


FIG.G12

Note: When using a soldering iron care must be taken to ensure that the Flat IC is not being held by glue before it is the PCB may be damaged if force is used.

1-4. SERVICING THE LUMINANCE & CHROMINANCE PACK C.B.A. AND THE SUB LUMINANCE & CHROMINANCE PACK C.B.A.

When servicing the luminance/chrominance pack C.B.A. and Sub luminance/chrominance pack C.B.A., connections of extension cables are necessary as shown below.

PART NO.	PART NAME	PCS	CONNECTION
VFK0807	9P EXTENSION CABLE	1	PS3001-PP3001
VFK0808	12P EXTENSION CABLE	2	PS3002-PP3002, PS3003-PP3003
VFK0678	18P EXTENSION CABLE	2	PS3011-PP3011, PS3012-PP3012

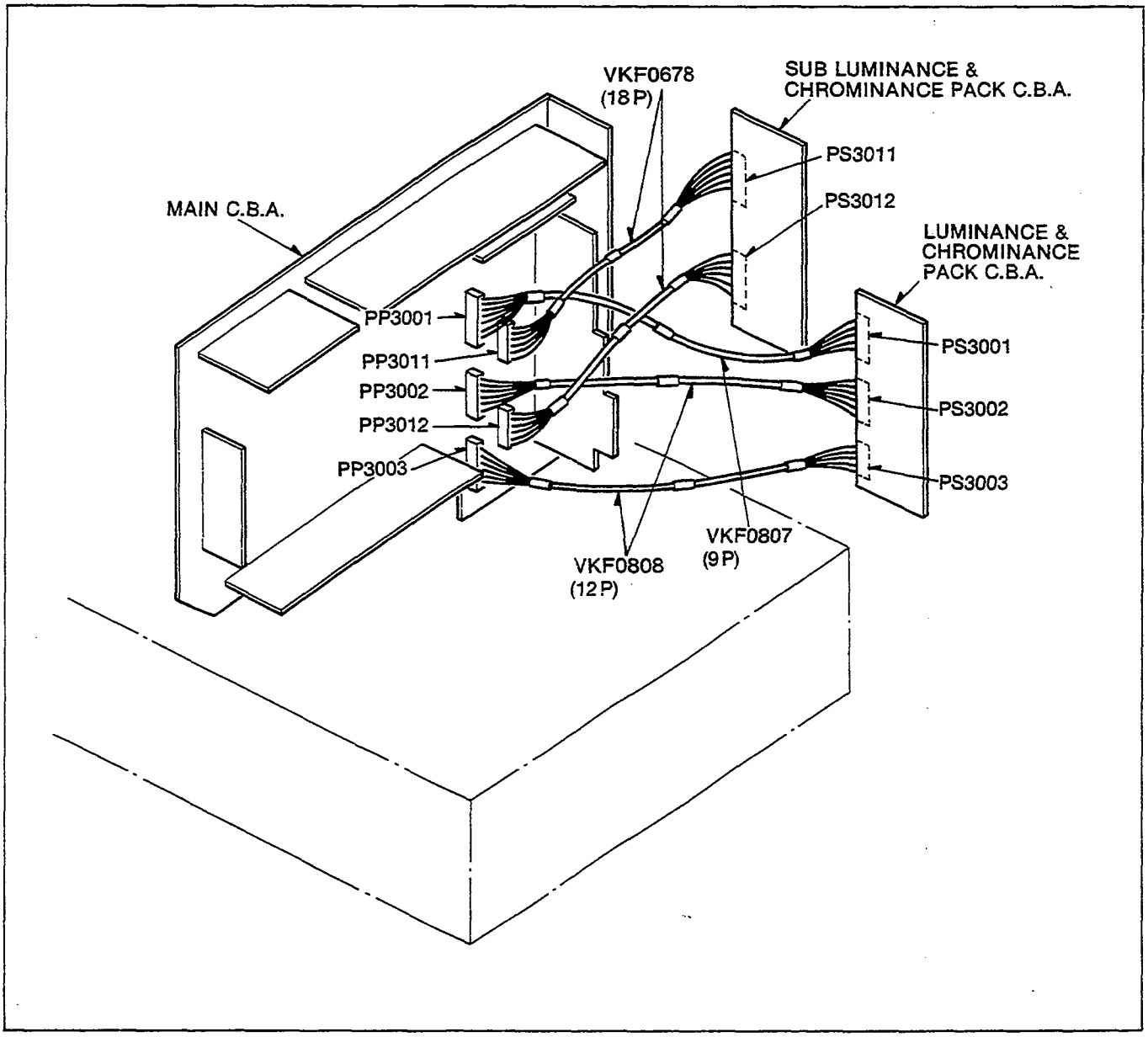


Fig. S1

SECTION 1
GENERAL DESCRIPTIONS

1-1. TECHNICAL INFORMATION

INITIALIZATION OF CHANNEL MEMORY IC (IC7503/M6M80021P)

When replace the channel memory IC (IC7503/M6M80021P), the memory IC should be initialized to keep formal specification.

Note:
1) It should be performed before tuner preset.
2) During initialization or after initialization within 1 second, do not stop the power source. (Do not disconnect AC cord)
3) Meaning of "INITIALIZATION" is to erase the "SKIP CH". In another to say the number of POSITION CH and DISPLAY CH to be same.

Method:
1) Press the CH UP/DOWN Button so that the Channel indicator "--".
2) Connect the Diode (MA165) to Pin 54 of IC7501 for Anode, Pin 35 of IC7501 for Cathode twice.
3) Channel indication disappears, and approximately 3 seconds later Channel indicator indicates "1".

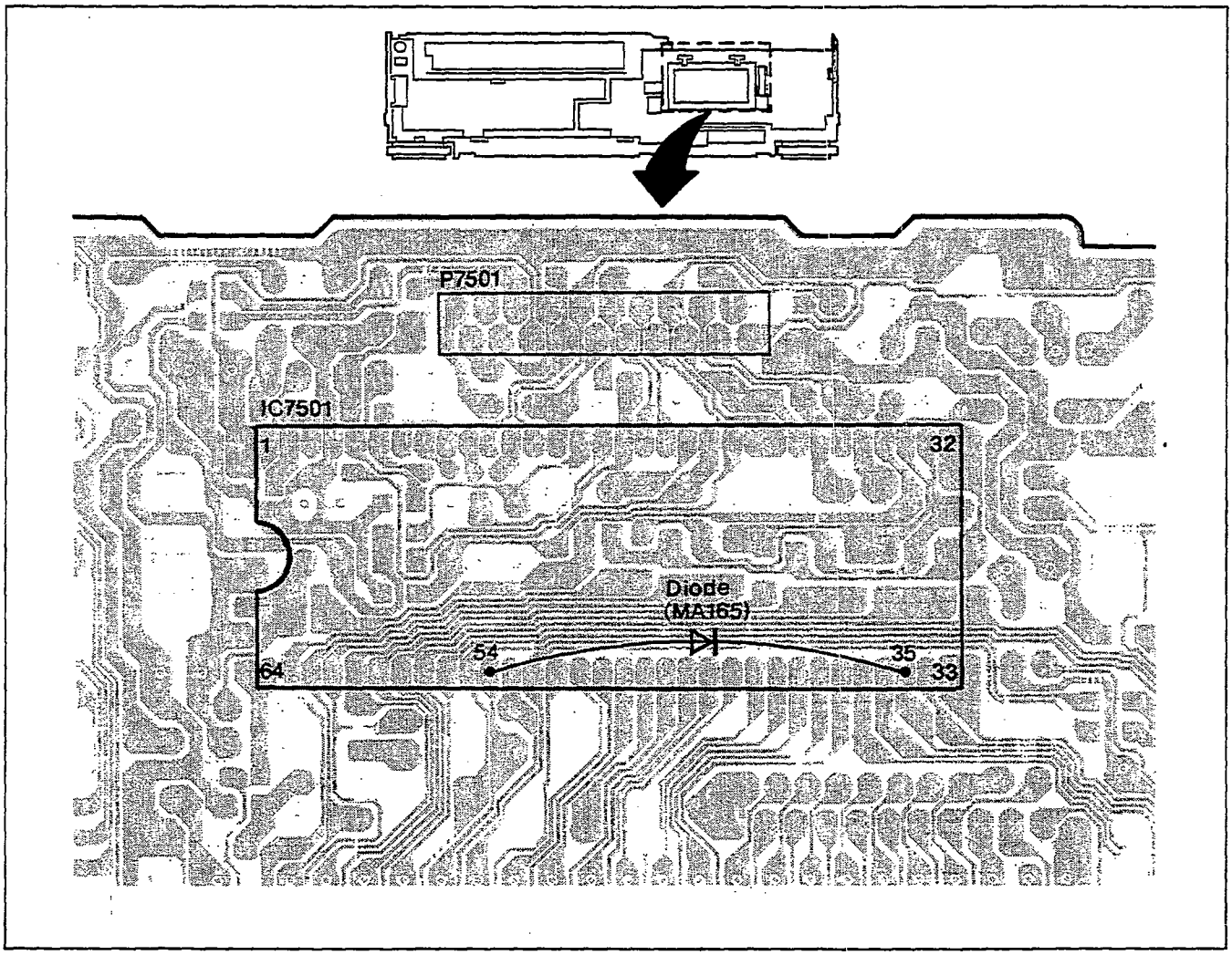


Fig. T1

SERVICE NOTE

When repairing without the top panel unit, Tape Select Switch must be set to the E195 position to prevent the malfunction of the Take-Up Photo Sensor.

SERVICE INFORMATION DISPLAY

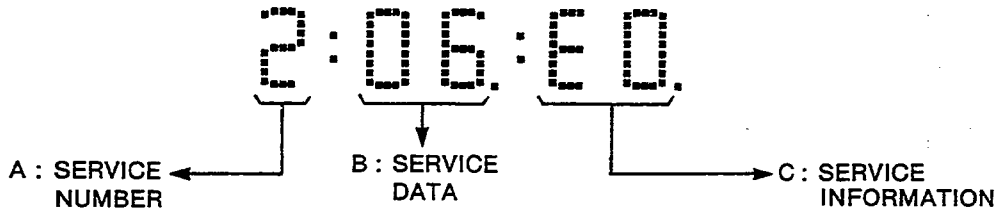
This unit can be confirmed the mode information which is detected by microprocessor IC6001 via multi function display.

Method:

1) Press "EJECT", "FF" and "REW" keys at the same time.
2) The counter of multi function display indicates microprocessor data approximately 1 minutes as shown in Fig.T2.

Note:

1) This mode can be entred even when Power off.
2) Also it can be displayed the data when connect jumper wire between TP6001 and TPGND. (Press "EJECT", "FF" and "REW" keys at the same time, increment service number)



A: SERVICE NUMBER	B: SERVICE DATA	
1	*0 (hex)	can not detect Take-up and Supply Photo
	*9 (hex)	detect Take-up Photo
	*U (hex)	detect Supply Photo
	*3 (hex)	detect Take-up and Supply Photo
2	02 (hex)	EJECT
	03 (hex)	CASSETTE IN
	04 (hex)	CASSETTE DOWN
	06 (hex)	STOP 1
	08 (hex)	STOP 2
	0U (hex)	PLAY
3	L* (hex)	STOP 1 ⟶ STOP 2
	4* (hex)	PLAY ⟶ CUE/REV
	3* (hex)	STOP 2 ⟶ PLAY
	2* (hex)	STOP 1 ⟶ FF/REW
	1* (hex)	During Unloading
5	1*** **** (bin)	capstan motor ON
	**** 1*** (bin)	capstan motor reverse direction
6	***1 **** (bin)	cylinder motor ON

C : SERVICE INFORMATION

E0 : Normal
E1 : Cylinder lock (STOP)
E2 : Reel lock (STOP)
E3 : Rev Motor lock
E4 : Mechanism lock during unloading
E5 : Mechanism lock during mode transfer to FF or REW
E6 : Mechanism lock during front unloading (Cassette out)
E9 : Serial data (IC6001—IC7501) can not be transmitted.

Note:

1. "*" : No meaning
2. "hex": hexadecimal digit
3. "bin" : binary digit

ex.

bin	hex
0000	0
0001	1
⋮	⋮
1010	U
1110	L

Fig. T2

SECTION 2
ADJUSTMENT PROCEDURES

2-1. DISASSEMBLY METHOD

2-1-1. DISASSEMBLY FLOW CHART

This flow chart indicates disassembly steps of the cabinet parts and the circuit boards in order to find the necessary items for servicing.
When assembling, perform the steps in the reverse order.

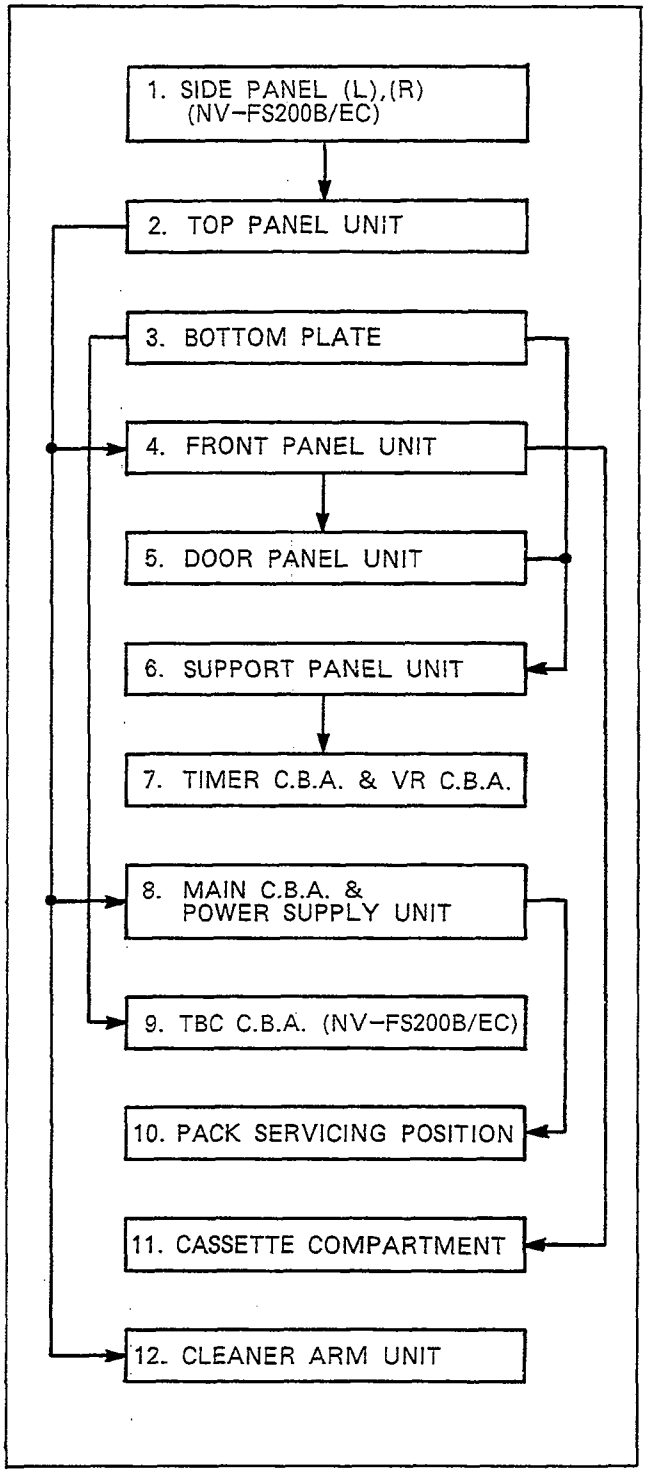

1. SIDE PANEL (L),(R) (NV-FS200B/EC)
2. TOP PANEL UNIT
3. BOTTOM PLATE
4. FRONT PANEL UNIT
5. DOOR PANEL UNIT
6. SUPPORT PANEL UNIT
7. TIMER C.B.A. & VR C.B.A.
8. MAIN C.B.A. & POWER SUPPLY UNIT
9. TBC C.B.A. (NV-FS200B/EC)
10. PACK SERVICING POSITION
11. CASSETTE COMPARTMENT
12. CLEANER ARM UNIT

Fig. D1

2-1-2. DETAIL OF DISASSEMBLY METHOD

1. REMOVAL OF THE SIDE PANEL (L),(R) (NV-FS200B/EC)

   Remove.....4 Screws(A)

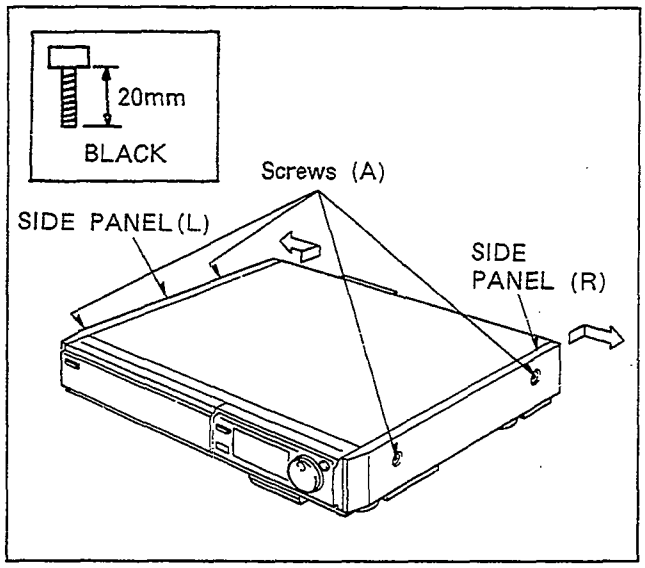


Fig. D2

2. REMOVAL OF THE TOP PANEL UNIT

   Remove.....4 Screws(B)

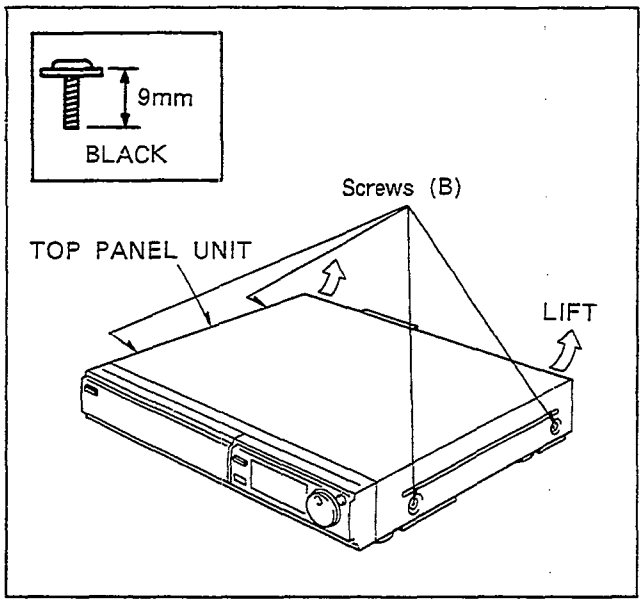


Fig. D3

3. REMOVAL OF THE BOTTOM PLATE

Remove.....9 Screws(C)

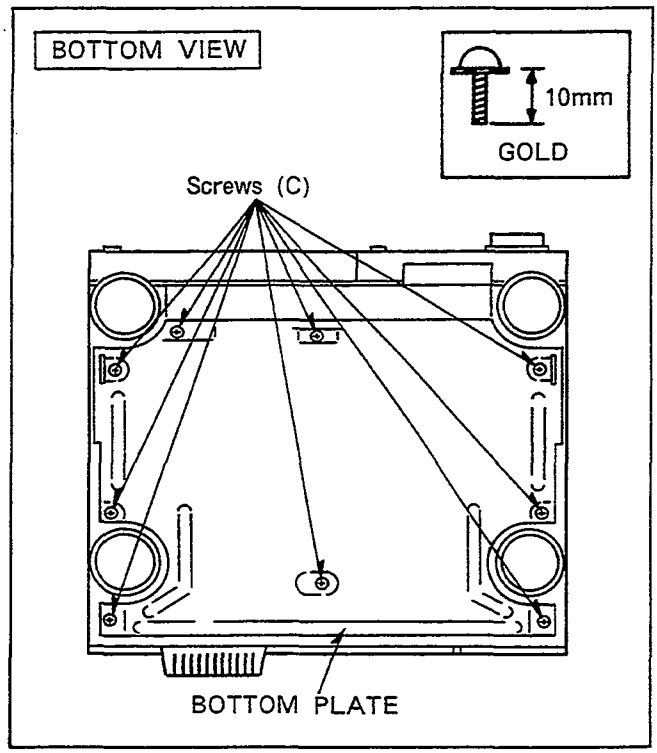


Fig. D4

4. REMOVAL OF THE FRONT PANEL UNIT

Remove.....Screw(D)
Unlock.....7 Tabs(E)
(DOOR PANEL.....OPEN)

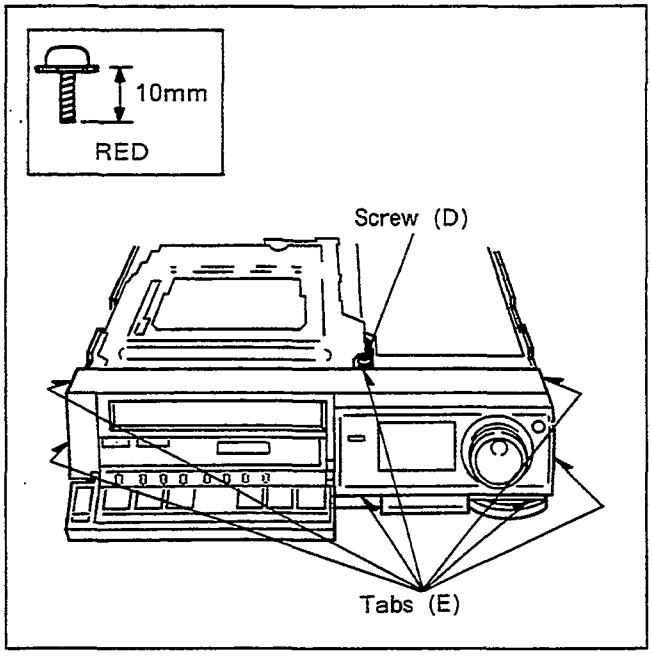


Fig. D5

5. REMOVAL OF THE DOOR PANEL UNIT

Remove.....2 Screws(F)
Disconnect.....2 Connectors(G)

6. REMOVAL OF THE SUPPORTS PANEL UNIT

Remove.....3 Screws(H)
Unlock.....3 Tabs(I)
Remove.....Front Jack Cover(NV-FS200B/EC)

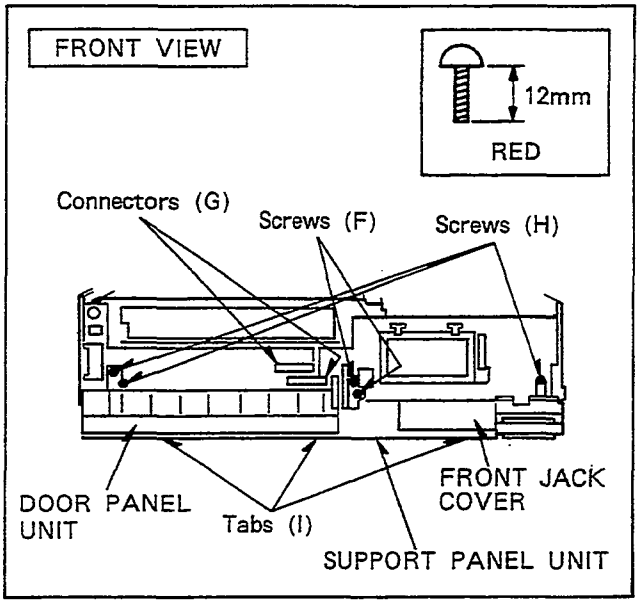


Fig. D6

7. REMOVAL OF THE TIMER C.B.A. & VR C.B.A.

REMOVAL OF THE TIMER C.B.A.

Remove.....Screw(J)
Unlock.....2 Tabs(K)

REMOVAL OF THE VR C.B.A.

Remove.....Screw(L)
Unlock.....2 Tabs(M)

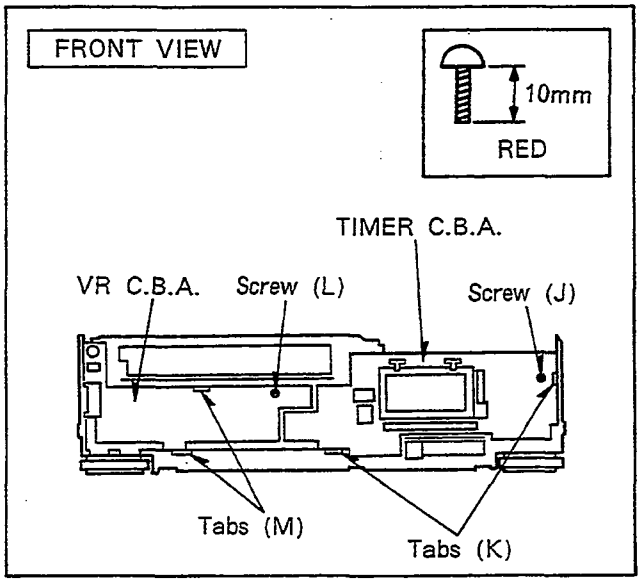


Fig. D7

8. REMOVAL OF THE MAIN C.B.A. & POWER SUPPLY UNIT

REMOVAL OF THE MAIN C.B.A.

Remove.....Screw(N)
Remove.....3 Screws(O)
Remove.....3 Screws(P)

REMOVAL OF THE POWER SUPPLY UNIT

Remove.....2 Screws(Q)
Remove.....Screw(R)
Remove.....2 Screws(S) and Heat Sink Cover
Remove.....Screw(T) and Heat Sink

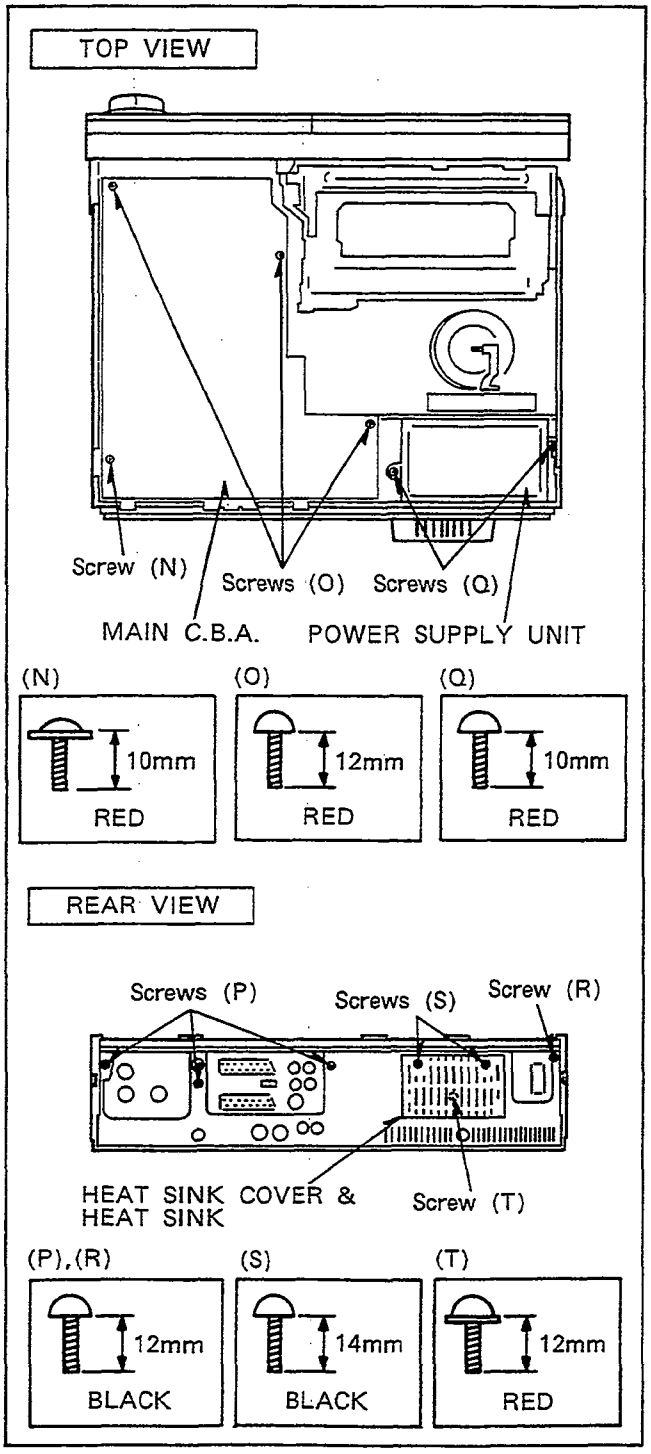


Fig. D8

9. REMOVAL OF THE TBC C.B.A. (NV-FS200B/EC)

Remove.....4 Screws(U)

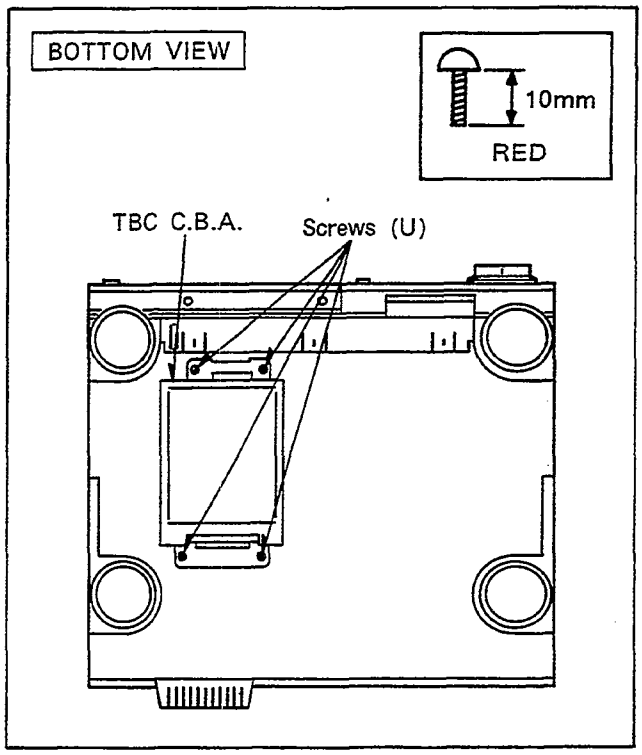


Fig. D9

10. PACK SERVICING POSITION

CAUTION:
Confirm that the isolation between Mechanical Chassis and Main C.B.A. before connecting Main AC.

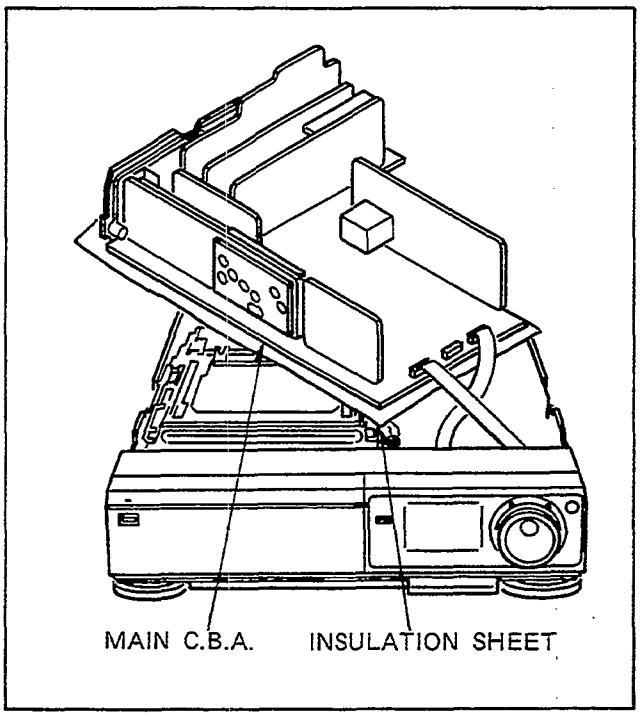


Fig. D10

11. REMOVAL OF THE CASSETTE COMPARTMENT

Remove the 2 screws(V) and a screw(W).
Slide the cassette holder unit for appearing 2 screws(X) by turning(clockwise) the Capstan Rotor Unit(located in the bottom side as shown in Fig.D12) and remove the 2 screws(X).
Remove the wire cable from connector P1508 mounted on Take-up Photo Tr. C.B.A., then carefully pull out the Cassette Compartment.

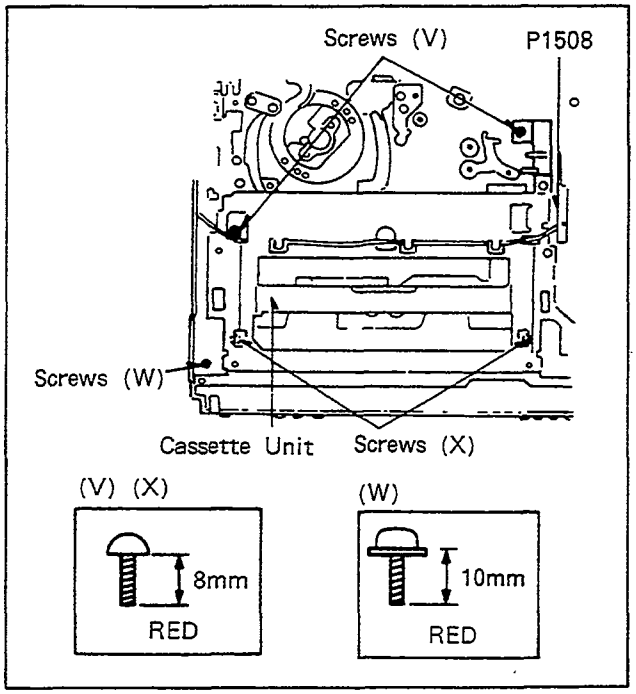


Fig. D11

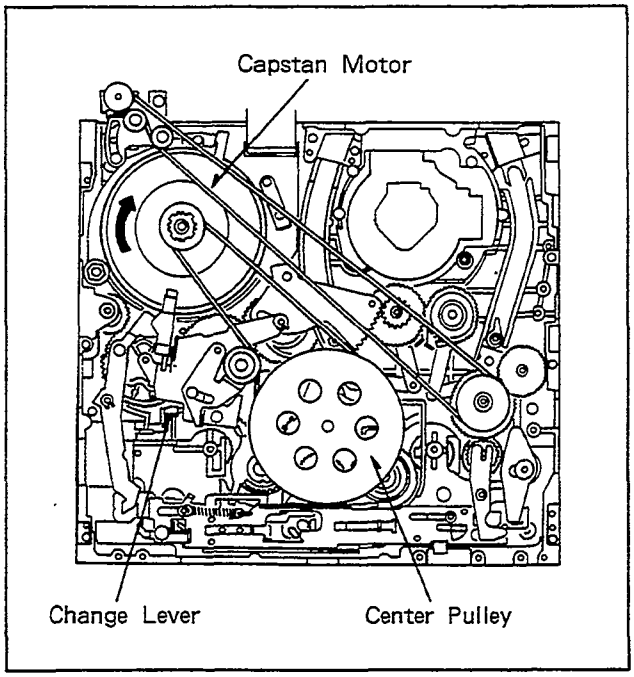


Fig. D12

12. REMOVAL OF THE CLEANER ARM UNIT

1. Hook the Spring Arm(a) to lower side of Hook(b).
2. Unlock the locking portion(c) and then remove the Cleaner Arm Unit.

NOTE:
(1) Perform the steps in the reverse order when Assembling.
(2) When replacing Upper Cylinder, replace Cleaner Arm at the same time.

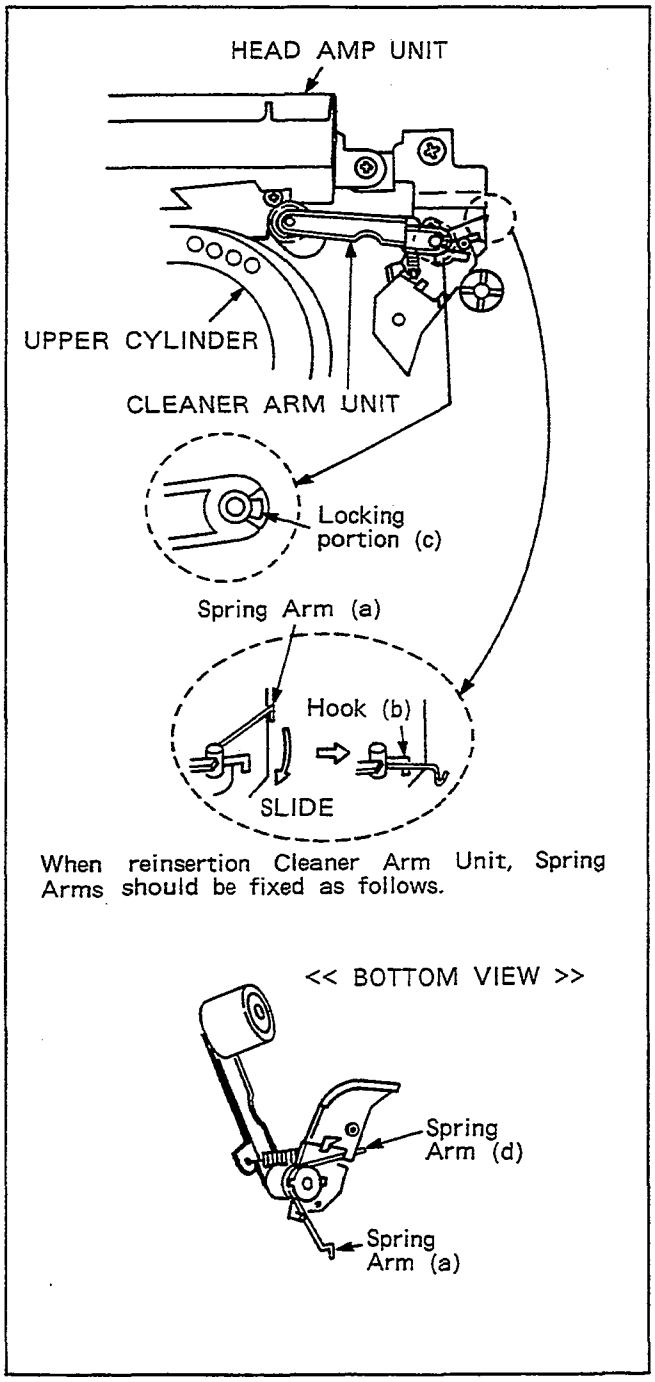


Fig. D13

2-2. MECHANICAL ADJUSTMENT PROCEDURES

This mechanical chassis of these model NV-FS200B/EC, FS88B/EC is the same as (G-1) Mechanical Chassis.
Therefore please refer to the Service Manual "G-II/G-REV"(Order No.VRD8901M101).

2-2-1. TAPE INTERCHANGEABILTY ADJUSTMENT

CAUTIONS:
Make a Adjustment Mode as shown in Fig.M1 (Connect a Cut Jumper Wire).

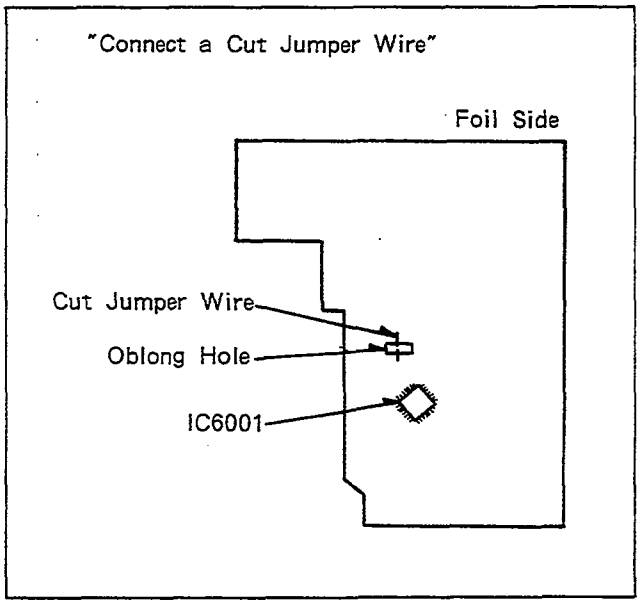
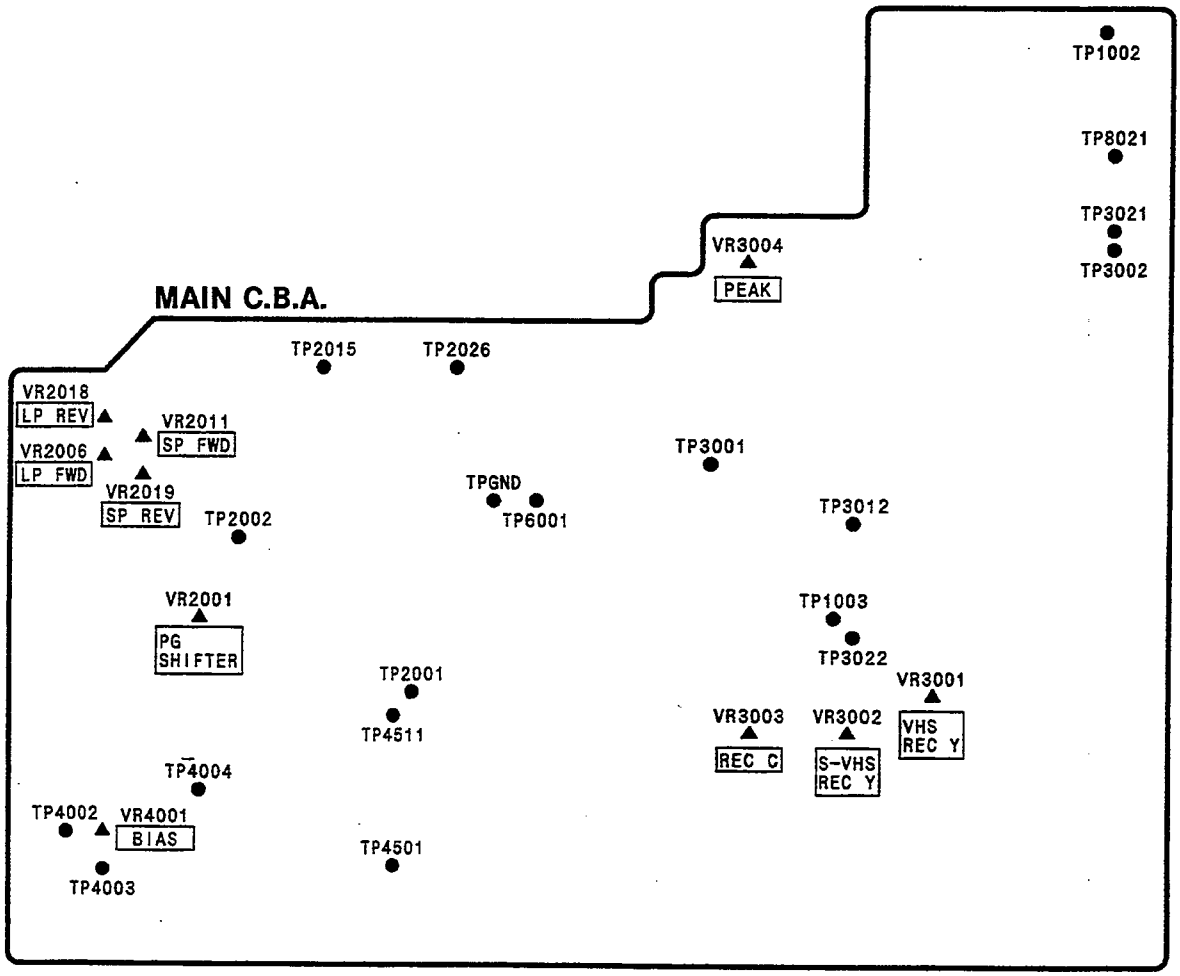
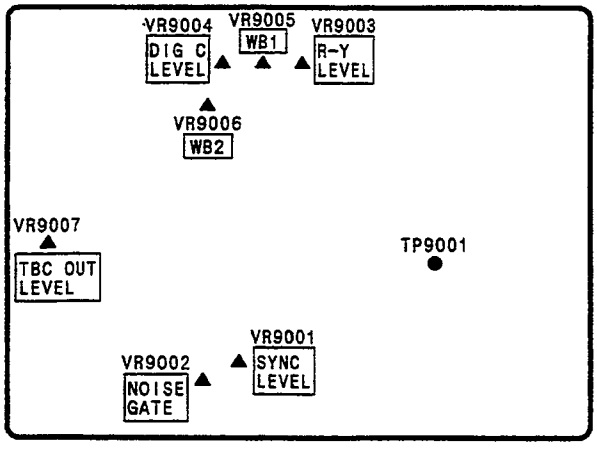


Fig. M1 Adjustment Mode

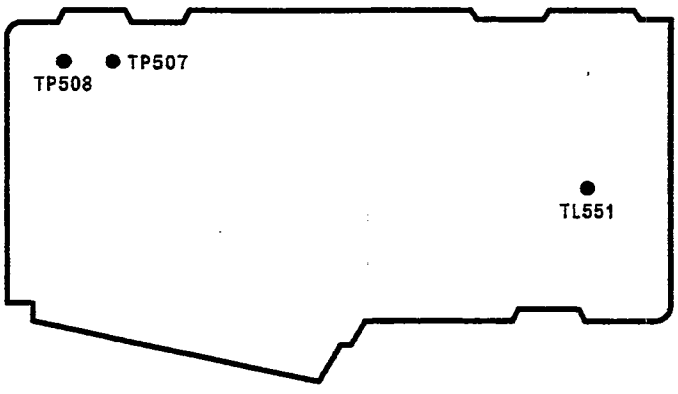
LOCATION OF TEST POINTS & CONTROLS



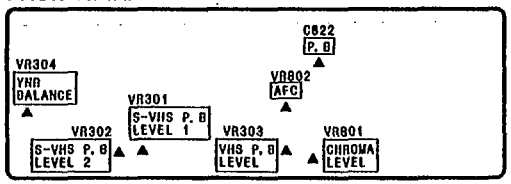
TBC C.B.A. (NV-FS200B/EC)



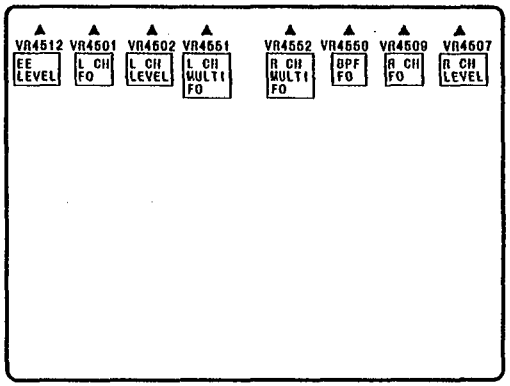
HEAD AMP C.B.A.



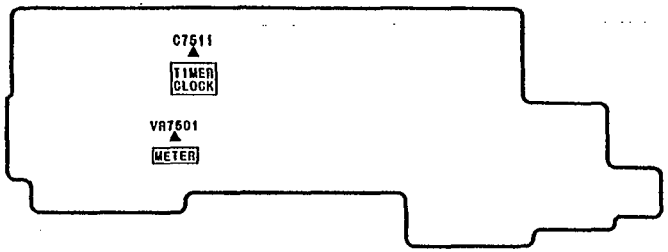
LUMINANCE & CHROMINANCE PACK C.B.A.



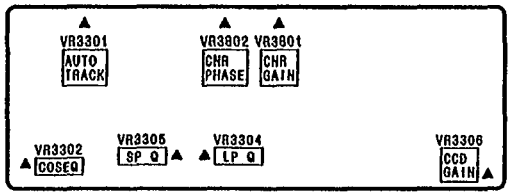
HI-FI AUDIO PACK C.B.A.



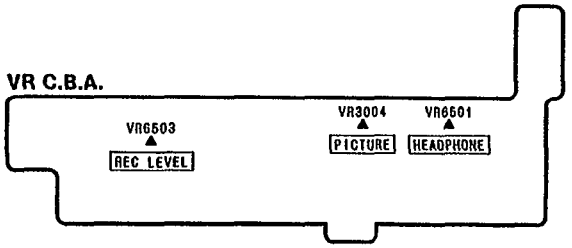
TIMER C.B.A.



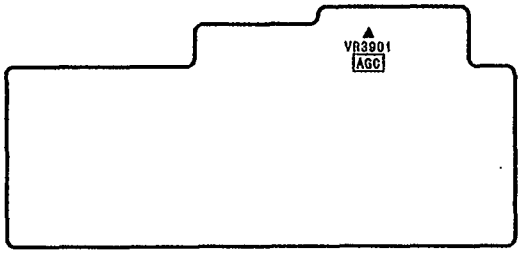
SUB LUMINANCE & CHROMINANCE PACK C.B.A.



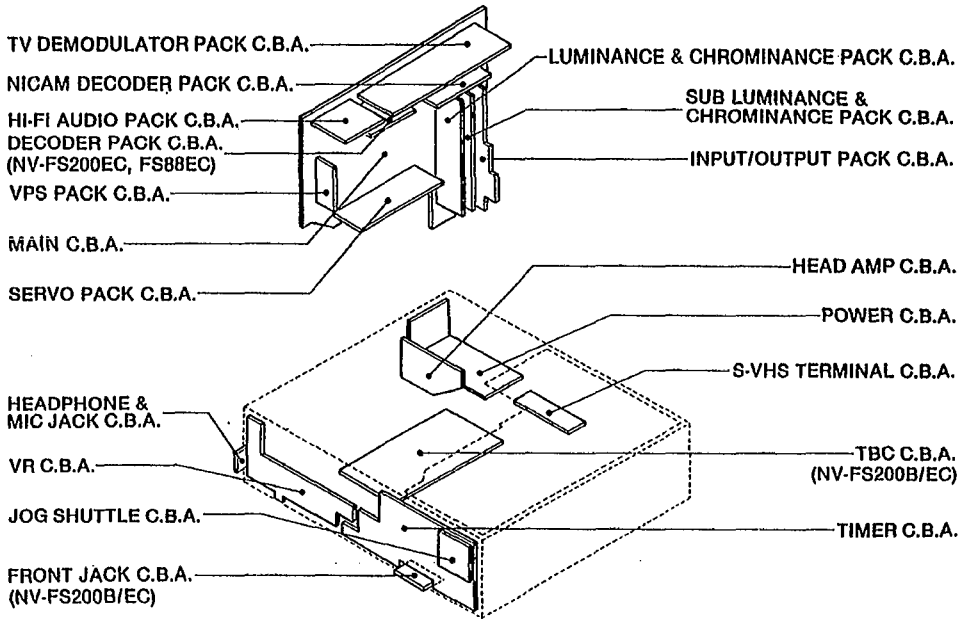
VR C.B.A.



INPUT/OUTPUT PACK C.B.A.



CIRCUIT BOARD LAYOUT



2-3. ELECTRICAL ADJUSTMENT PROCEDURES

This section provides electrical adjustment procedures for the S-VHS Video Cassette Recorders NV-FS200B/EC,FS88B/EC.

2-3-1. TEST EQUIPMENT

To perform electrical adjustment the following equipment is required.

1. VTVM (Vacuum Tube Volt Meter) or DVM (Digital Volt Meter)
   Voltage Range : 0.001 ~ 50V
2. Dual-Trace Oscilloscope
   Voltage Range : 0.005 ~ 50V/div.
   Frequency Range : DC-30MHz
   Probes : 10:1
3. Frequency counter
   Frequency Range : 0 ~ 10MHz
4. Signal Generator (Sinewave)
   Frequency Range : 0 ~ 50MHz
5. Video Sweep Generator
   Frequency Range : 0 ~ 10MHz
6. Colour Monitor TV
7. Plastic Tip Driver
8. VHS Alignment Tape (VFJ8125H3F)
9. Pattern Generator
10. VHS Blank Tape
11. S-VHS Blank Tape

2-3-2. HOW TO READ THE ADJUSTMENT PROCEDURES

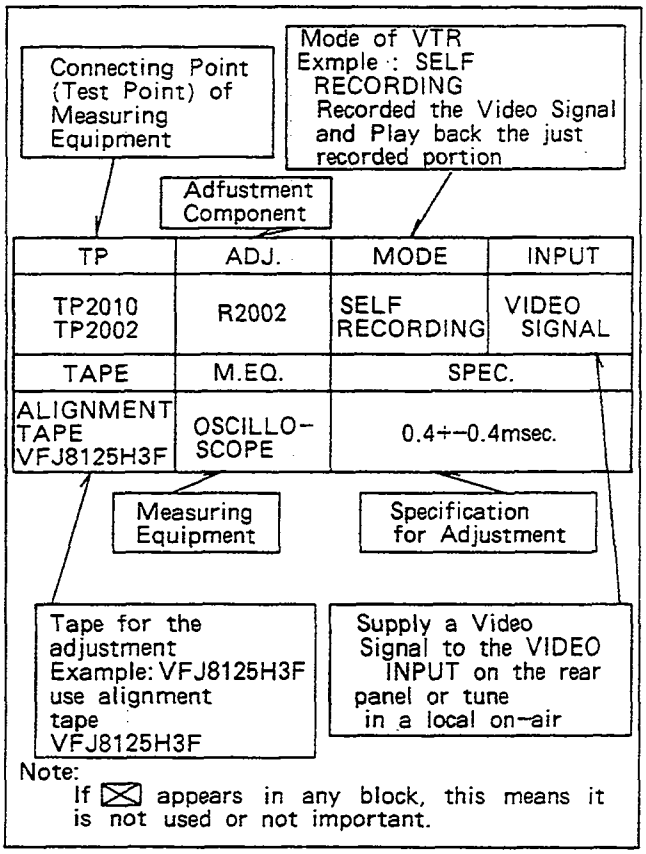

Connecting Point (Test Point) of Measuring Equipment
Mode of VTR Exmple : SELF RECORDING Recorded the Video Signal and Play back the just recorded portion
Adfustment Component
TP
ADJ.
MODE
INPUT
TP2010 TP2002
R2002
SELF RECORDING
VIDEO SIGNAL
TAPE
M.EQ.
SPEC.
ALIGNMENT TAPE VFJ8125H3F
OSCILLO-SCOPE
0.4+-0.4msec.
Measuring Equipment
Specification for Adjustment
Tape for the adjustment Example: VFJ8125H3F use alignment tape VFJ8125H3F
Supply a Video Signal to the VIDEO INPUT on the rear panel or tune in a local on-air
Note:
If ☒ appears in any block, this means it is not used or not important.

Fig. E1

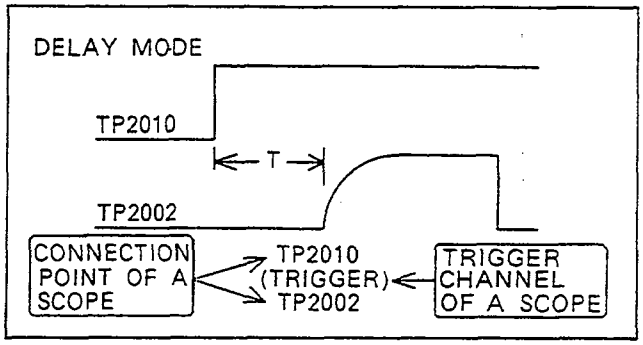


Fig. E2

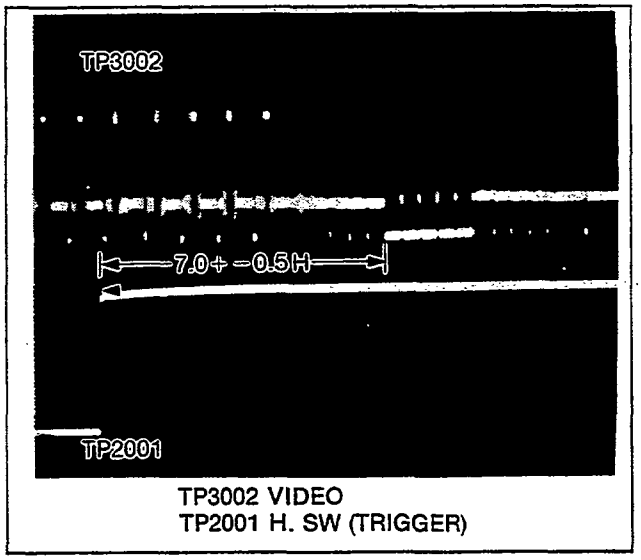
Note:
Before making electrical adjustments set the VTR controls as follows.

1. Noise Filter SW...OFF
2. Hi-Fi/Normal MIX SW...OFF
3. Tape Select SW...-E195
4. Remote Mode SW...VTR1
5. Picture VR...FIX
6. Audio REC VR...FIX
7. Phones Level VR...MIN
8. JOG/SHUTTLE...CENTER
9. Audio Output Mode...Hi-Fi MODE
10. S-VHS SW...ON
11. Input Select Front SW...
    S-VIDEO(NV-FS200B/EC ONLY)
12. Search Sound SW...OFF
13. TBC SW...OFF (NV-FS200B/EC ONLY)
14. Normal Y/C Test SW...NORMAL
15. NICAM/MONO SW ...NICAM

SERVO Section

2-3-3. PG SHIFTER ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP2001 TP3002	VR2001	PLAYBACK	
TAPE	**M. EQ.**	**SPEC.**	
ALIGNMENT TAPE VFJ8125H3F	OSCILLO-SCOPE	7.0+−0.5H	



TP3002 VIDEO
TP2001 H. SW (TRIGGER)

Fig. E3

2-3-4. AUTO TRACKING GAIN ADJUSTMENT

TP	ADJ.	MODE	INPUT
PS3011-1	VR3301	PLAYBACK	4MHz 200mVp-p (TO TP3001)
TAPE	**M. EQ.**	**SPEC.**	
	SIGNAL GENERATOR/ D.V.M.	3.1+−0.1Vp-p	

1. Set the output of Sinewave Signal Generator to 4MHz, 200mVp-p and supply it to TP3001.
2. Connect the D.V.M. (Digital Volt Meter) to Pin 1 of SUB Y/C pack C.B.A..
3. Adjust VR3301 until the reading of D.V.M. is 3.1+−0.1(Vp-p).

2-3-5. SLOW TRACKING ADJUSTMENT

TP	ADJ.	MODE	INPUT
ON THE MONITOR SCREEN	VR2011 (SP FWD) VR2019 (SP REV) VR2006 (LP FWD) VR2018 (LP REV)	SELF RECORDING AND SLOW (SP/LP MODE)	COLOUR BAR (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	TV MONITOR	REFER TO PROCEDURE	

NOTE:
1. Each slow speed is not specified.
2. Push the tracking button "+" and "−" at the same time.

1. Record the colour bar in the SP mode for a few minutes, then Record the colour bar in the LP mode for a few minutes.
2. Play back the just recorded SP portion and place the unit in the forward SLOW mode.
3. Adjust the VR2011 until the noise band is minimized.
4. Place the unit in the reverse SLOW mode.
5. Adjust the VR2019 until the noise band is minimized.
6. Play back the just recorded LP portion and place the unit in the forward SLOW mode.
7. Adjust the VR2006 until the noise band is minimized.
8. Place the unit in the reverse SLOW mode.
9. Adjust the VR2018 until the noise band is minimized.

LUMINANCE, CHROMINANCE & HEAD AMP Section

2-3-6. AGC OUTPUT LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
PS3023-26	VR3901	EJECT	COLOUR BAR (AV2 IN)
TAPE	**M. EQ.**	**SPEC.**	
	D.V.M.	1.0+−0.05Vp-p	

1. Supply colour bar signal to the video input of AV2.
2. Connect the oscilloscope to Pin 26 of I/O pack C.B.A.(PS3023).
3. Adjust VR3901 until the AGC output level is 1.0+−0.05Vp-p as shown in Fig.E4.

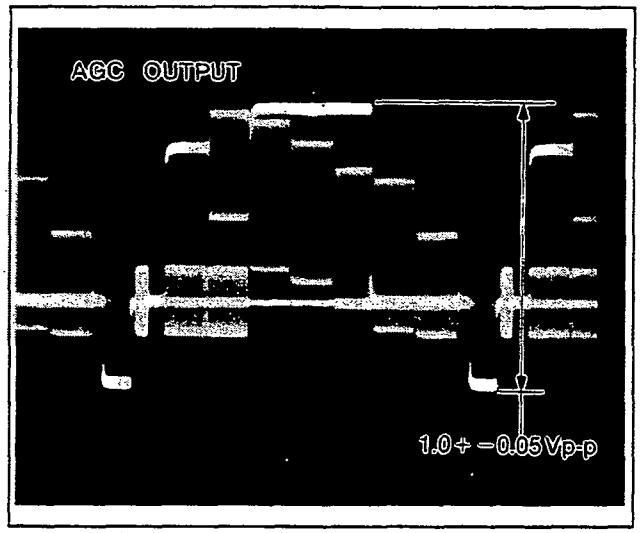


Fig. E4

2-3-7. CHROMINANCE & LUMINANCE RECORDING CURRENT ADJUSTMENT

S-VHS CHROMINANCE RECORDING CURRENT ADJ.

TP	ADJ.	MODE	INPUT
TP507 (HOT) TP508 (GND)	VR3003	RECORDING (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
S-VHS BLANK TAPE	OSCILLO- SCOPE	28+−2mVp-p	

1. Supply colour bar signal to the video input of AV1.
2. Supply the DC 5V to Pin 6 of Y/C pack C.B.A. to reduce luminance component.
3. Connect the oscilloscope to TP507 (HOT) and TP508 (GND).
4. Adjust the VR3003 for 28+−2Vp-p as shown in Fig.E5.

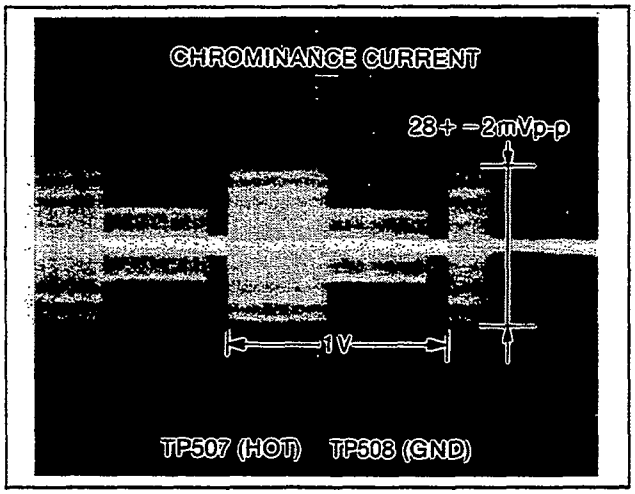


Fig. E5

S-VHS LUMINANCE RECORDING CURRENT ADJ.

TP	ADJ.	MODE	INPUT
TP507 (HOT) TP508 (GND)	VR3002	RECORDING (SP MODE)	COLOUR BAR (S-VIDEO IN)
TAPE	**M. EQ.**	**SPEC.**	
S-VHS BLANK TAPE	OSCILLO- SCOPE	110+−5mVp-p	

5. After chrominance recording current adjustment, remove the DC 5V to Pin 6 of Y/C pack C.B.A.
6. Adjust the VR3002 for 110+−5mVp-p as shown in Fig.E6.

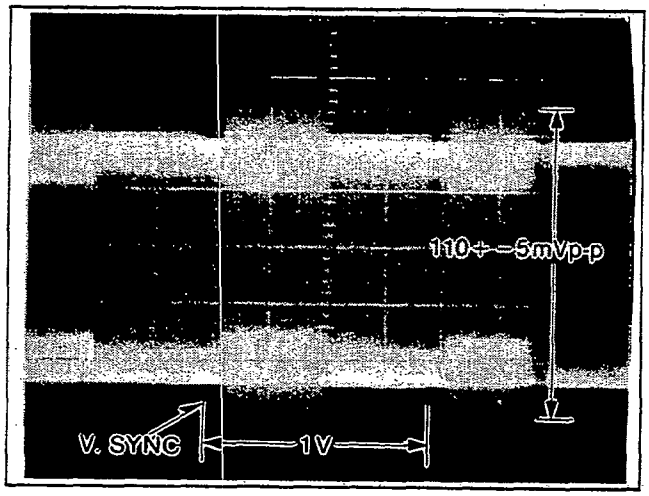


Fig. E6

VHS LUMINANCE RECORDING CURRENT ADJ.

TP	ADJ.	MODE	INPUT
TP507 (HOT) TP508 (GND)	VR3001	RECORDING (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
VHS BLANK TAPE	OSCILLO- SCOPE	120+−5mVp-p	

1. Set the S-VHS SWITCH OFF position.
2. Connect the oscilloscope to TP507 (HOT) and TP508 (GND).
3. Adjust the VR3001 for 120+−5mVp-p as shown in Fig.E7

This adjustment should be completed after S-VHS luminance and chrominance recording current adjustment.

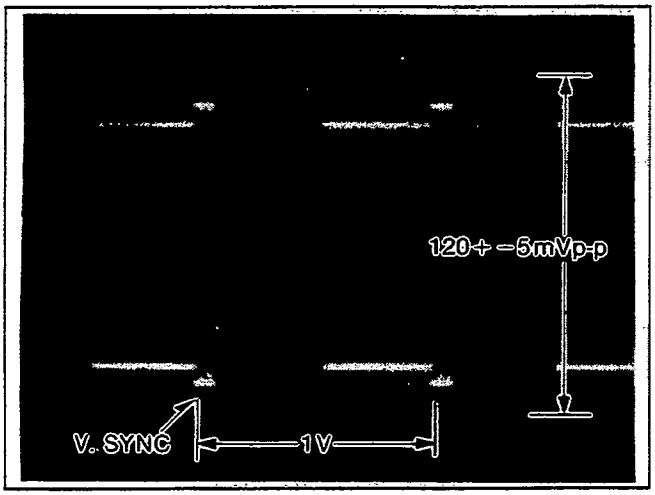


Fig. E7

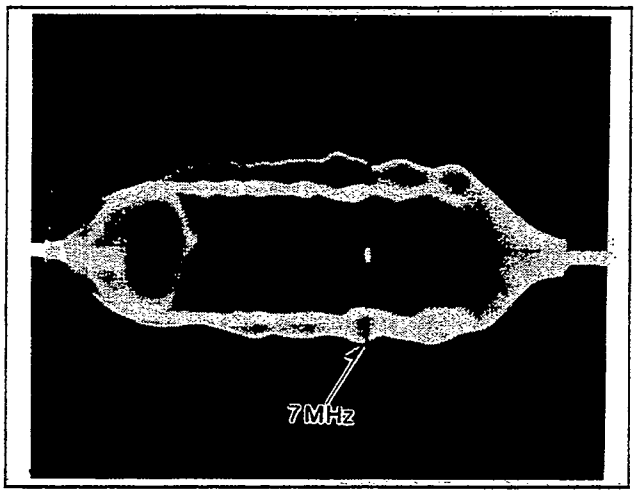


Fig. E9

2-3-8. RF PEAK FREQUENCY ADJUSTMENT

TP	ADJ.	MODE	INPUT
PP3011-18	VR3004	EJECT	SWEEP SIGNAL (150mVp-p, 7MHz) (PP3011-14)
TAPE	M. EQ.	SPEC.	
	OSCILLO-SCOPE/ VIDEO SWEEP GENERATOR	7.0+−0.2MHz	

NOTE:
1. Connect the Service Circuit as shown in Fig.E8.
2. VR3302 is center position.

1. Set the output signal of sweep generator to 150mmVp-p, 7MHz (Video signal only).
2. Connect the Pin 17 of Y/C Pack C.B.A. (PP3002) to GND (compulsory S-VHS).
3. Supply set up video sweep signal to input point of service circuits.
4. Connect the oscilloscope to Pin 18 of SUB Y/C Pack C.B.A. (PP3011)
5. Adjust VR3004 until the peak frequency is 7.0+−0.2MHz as shown in Fig.E9.

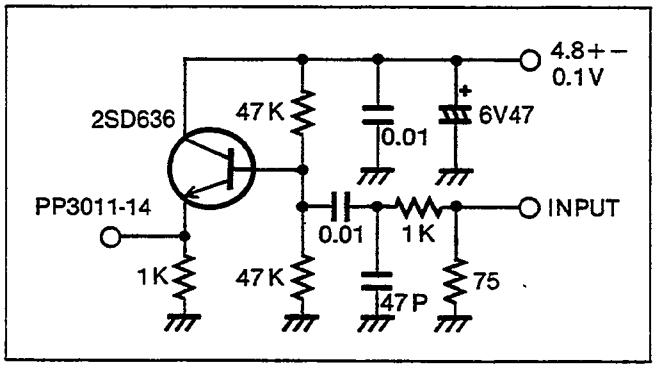


Fig. E8

2-3-9. S-VHS FREQUENCY RESPONSE ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP3021	VR3302	SELF RECORDING AND PLAYBACK (SP MODE)	SWEEP SIGNAL (S-VIDEO IN)
TAPE	M. EQ.	SPEC.	
S-VHS BLANK TAPE	OSCILLO-SCOPE/ VIDEO SWEEP GENERATOR	A : B=−4.5±1dB (50~70%)	

NOTE:
1. Set the output of video sweep generator as shown in Fig.E10.
2. This adjustment must be done after the RF peak frequency adjustment.

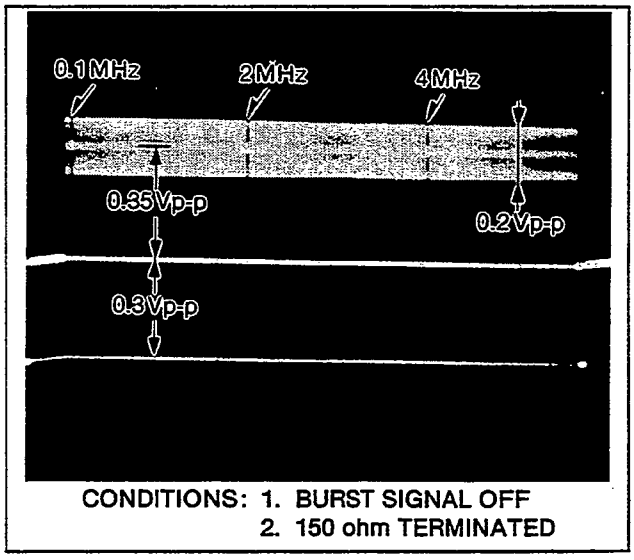


Fig. E10

1. Supply video sweep signal to S-VIDEO-IN.
2. Record the signal in the SP mode for a few minutes.
3. Connect the oscilloscope to TP3021.
4. Play back the just recorded signal.
5. Adjust VR3302 until the B level(4MHz) is −4.5+−1dB(50 to 70 percent) of the A level(0.1MHz) as shown in Fig.E11.
   (Measure the wide amplitude channel on 4MHz)

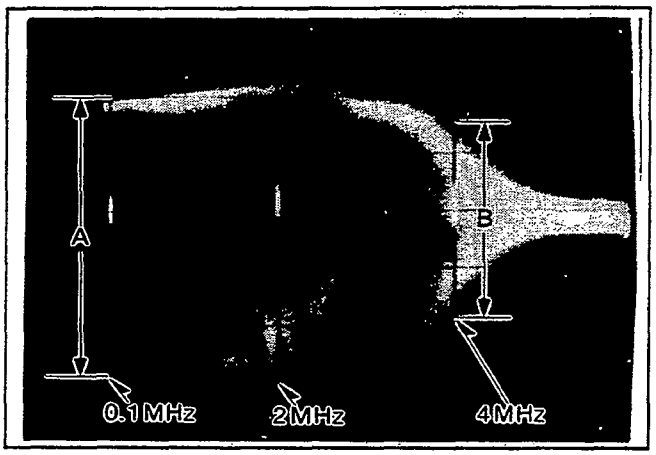
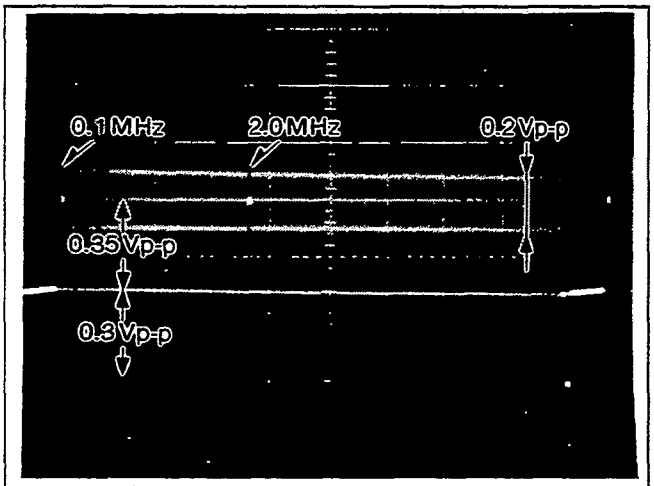


Fig. E11

2-3-10.VHS FREQUENCY RESPONSE ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP3021	VR3305 (SP) VR3304 (LP)	SELF RECORDING AND PLAYBACK (SP/LP MODE)	SWEEP SIGNAL
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE/ VIDEO SWEEP GENERATOR	SP: 0+−1dB (90~110%) LP: 0+−1dB (90~110%)	

NOTE:
Set the output of video sweep generator as shown in Fig.E12



CONDITIONS: 1. BURST SIGNAL OFF
2. 75 ohm TERMINATED

Fig. E12

1. Supply video sweep signal to the Video input of AV1 and record the signal in the SP mode for a few minutes and record in the LP mode for a few minutes.
2. Connect the oscilloscope to TP3021.
3. Play back the just recorded signal in the SP mode.
4. Adjust VR3305 until the B level(2MHz) is 0+−1dB(90 to 110 percent) of the A level(0.1MHz) as shown in Fig.E13.
5. Play back the just recorded signal in the LP mode.
6. Adjust VR3304 until the B level(2MHz) is 0+−1dB(90 to 110 percent) of the A level(0.1MHz) as shown in Fig.E14.

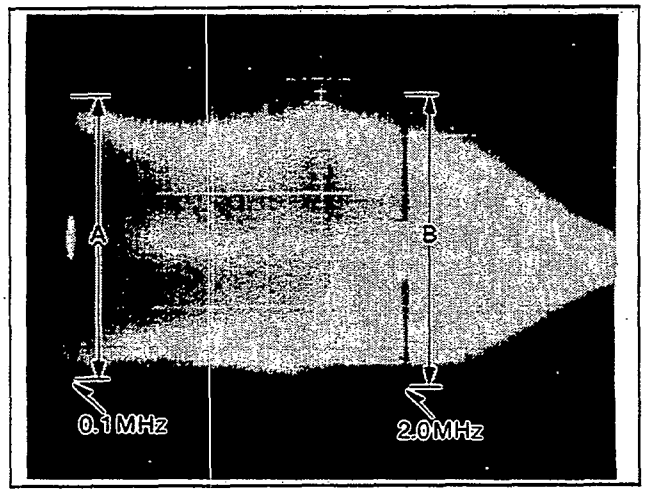


Fig. E13: **SP MODE**

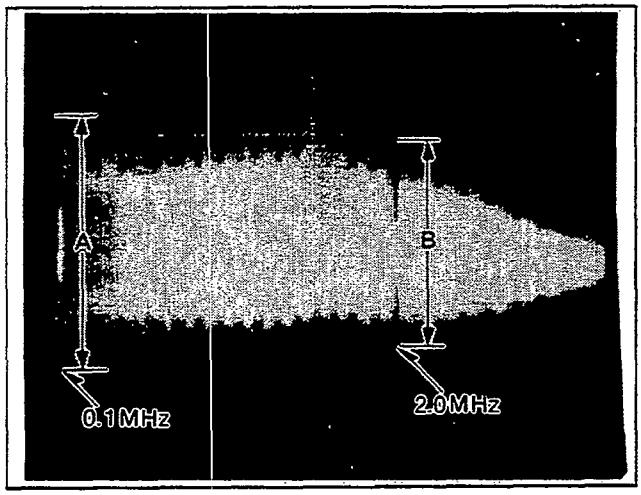


Fig. E14: **LP MODE**

2-3-11. LUMINANCE NOISE REDUCTION BALANCE ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC301-34	VR304	RECORDING (LP MODE)	COLOUR BAR (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	WAVEFORM IS MINIMIZED	

NOTE:
Connect the capacitor(1500pF) between Pin 34 of IC301 and GND as shown in Fig.E15.

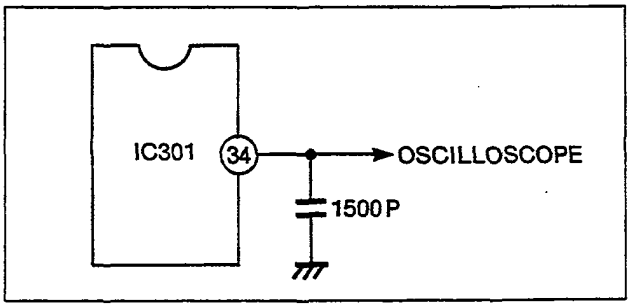


Fig. E15

1. Supply colour bar Signal to the video input of AV1 and record the signal in the LP mode for a few minutes.
2. Connect the Oscilloscope to Pin 34 of IC301.
3. Adjust VR304 until the waveform is as small as possible. See Fig.E17.

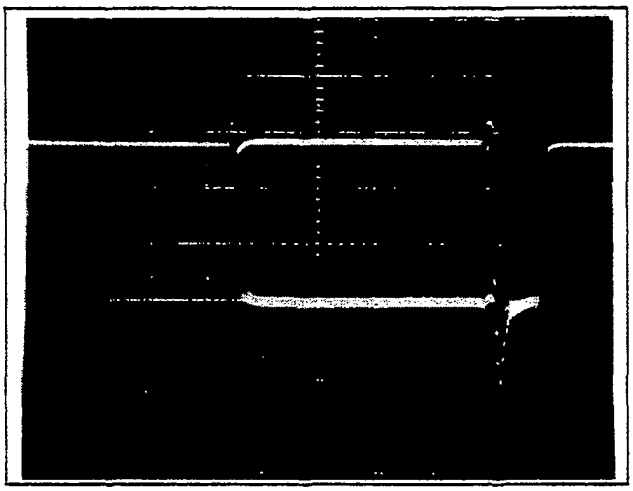


Fig. E16 Before ADJ.

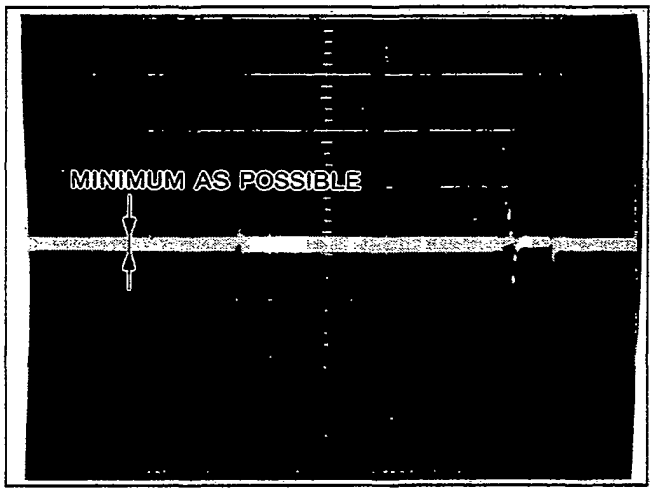


Fig. E17 After ADJ.

2-3-12. CHROMINANCE RECURSIVE ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC3801-9	VR3801 VR3802	SELF RECORDING AND PLAYBACK (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	MINIMUM WAVEFORM	

1. Supply colour bar signal to the video input of AV1 and record the signal in the SP mode for a few minutes.
2. Connect the oscilloscope to Pin 9 of IC3801.
3. Play back the just recorded signal.
4. Adjust both VR8301 and VR8302 until the chrominance amplitude is as small as possible. See Fig.E19

NOTE:
Check this adjustment after completing the recording current adjustment.

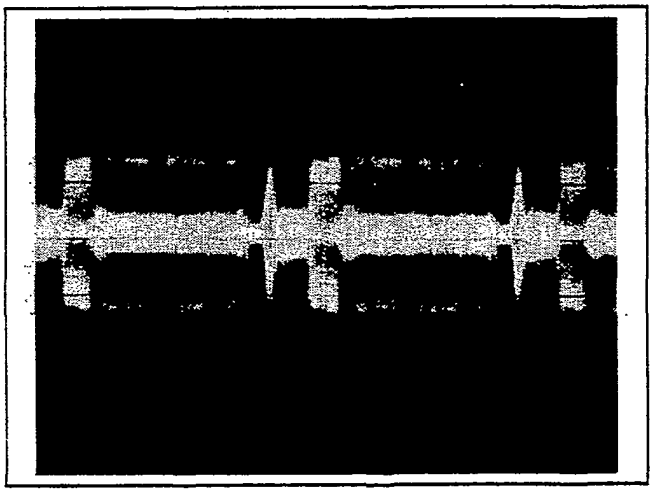


Fig. E18 Before ADJ.

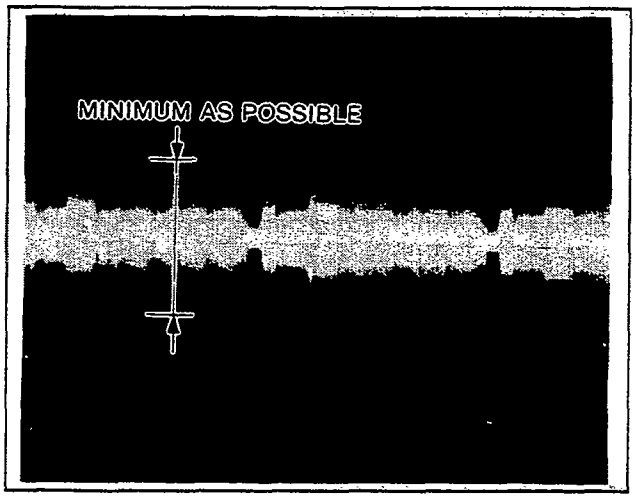


Fig. E19 After ADJ.

2-3-13. ARTIFICIAL NTSC AFC FREE RUN ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC803-9	VR802	STOP	SINEWAVE 8kHz −10dB (316mV) (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
	FREQUENCY COUNTER/ SINEWAVE GENERATOR	15735+−100 (Hz)	

NOTE:
Supply +5V DC to Pin 15 of IC803.

1. Supply the sinewave(8KHz/−10dB) to the video input of AV1.
2. Connect the frequency counter to Pin 9 of IC803.
3. Turn VR802 up to maximum.
4. Adjust VR802 until the frequency is 15735+−100(Hz).

2-3-14. VHS PLAYBACK LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP3021	VR303	SELF RECORDING AND PLAYBACK (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	1.0+−0.05Vp-p	

NOTE:
S-VHS should be off.

1. Supply colour bar signal to the video input of AV1 and record the signal for a few minutes.
2. Connect the oscilloscope to TP3021.
3. Play back the just recorded signal.
4. Adjust VR303 until the luminance level is 1.0+−0.05Vp-p as shown in Fig.E20.

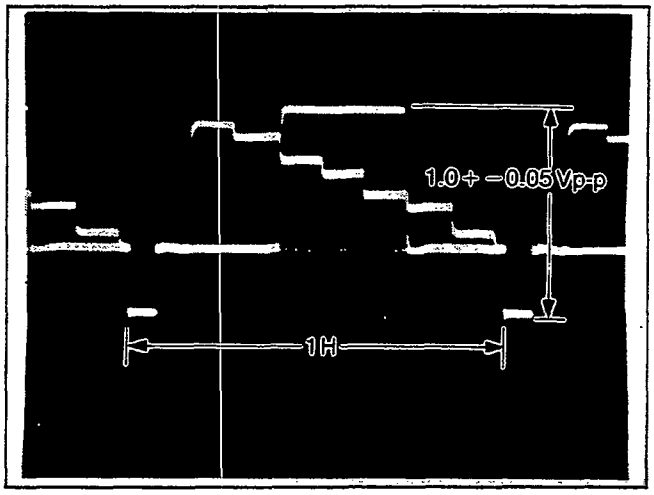


Fig. E20

2-3-15. S-VHS PLAYBACK LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP3022 TP3021	VR301 (S-P.B 1) VR302 (S-P.B 2)	SELF RECORDING AND PLAYBACK (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
S-VHS BLANK TAPE	OSCILLO-SCOPE	TP3022: 400+−10mVp-p TP3021: 1.0+−0.05Vp-p	

1. Supply colour bar signal to the video input of AV1 and record the signal in the SP mode for a few minutes.
2. Connect the oscilloscope to TP3022.
3. Play back the just recorded signal.
4. Adjust VR301 until the luminance level is 400+−10mVp-p as shown in Fig.E21.

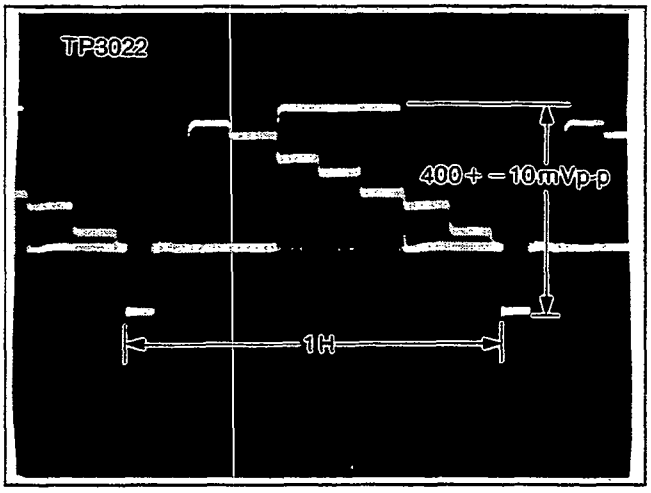


Fig. E21

5. Connect the oscilloscope to TP3021.
6. Adjust VR302 until the luminance level is 1.0+−0.05Vp−p as shown in Fig.E22.

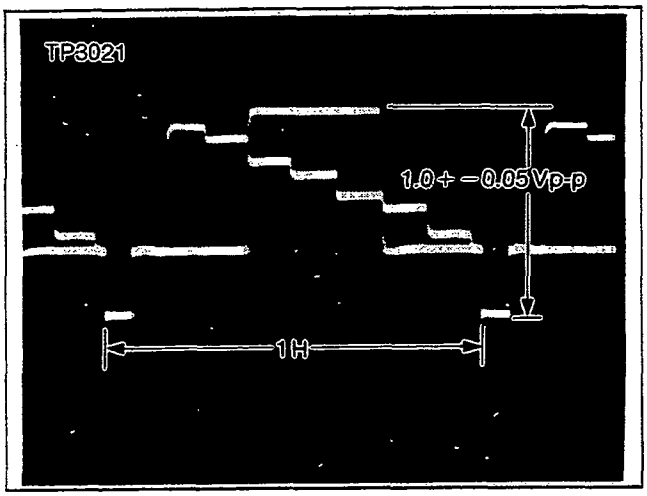


Fig. E22

2−3−16. CHROMINANCE PLAYBACK LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP8021	VR801	SELF RECORDING AND PLAYBACK (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
VHS BLANK TAPE	OSCILLO-SCOPE	CYAN: 0.55+−0.05Vp-p	

1. Supply colour bar signal to the video input of AV1 and record the signal in the SP mode for a few minutes.
2. Connect the oscilloscope to TP8021.
3. Play back the just recorded signal.
4. Adjust VR801 until the playback cyan level is 0.55+−0.05mVp−p as shown in Fig.E23.

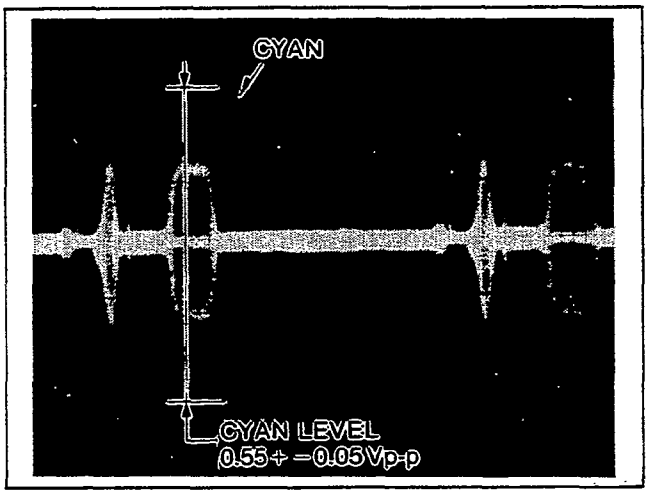


Fig.E23

2−3−17. CCD GAIN ADJUSTMENT (NV−FS200B/EC ONLY)

TP	ADJ.	MODE	INPUT
PS3012-33	VR3306	STOP	COLOUR BAR (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
	OSCILLO-SCOPE	A : B=50+−1.5%	

1. Supply colour bar signal to the video input of AV1.
2. Connect the oscilloscope to Pin 31 and Pin 33 of Sub Y/C pack C.B.A.(PS3012).
3. Read the level of Pin 31(B).
4. Adjust VR3306 until the Pin 33(A) level is 50+−1.5% of the Pin 31(B)level. See Fig.E24.

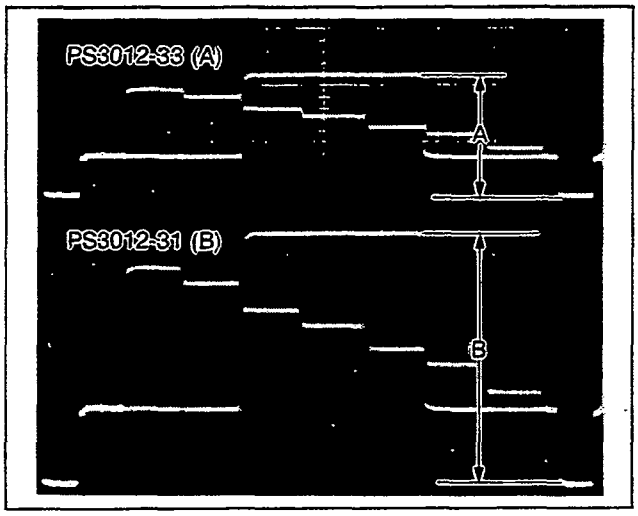


Fig. E24

2−3−18. PILOT BURST PHASE ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC801-15	C822	EJECT	COLOUR BAR (S-VIDEO IN)
TAPE	**M. EQ.**	**SPEC.**	
	VECTOR-SCOPE	−95+−5°	

NOTE:
1. S−VHS SW should be ON.
2. Connect jumper wire between Pin 5 of IC801 and GND.
3. Add DC 2.5V to Pin 37 of IC801.
4. Supply 4.43MHz(Pin 42 of Y/C pack C.B.A. (PA3003)) ot vectorscope EXT. REF terminal.

1. Supply Y/C separated colour bar signal to S−VIDEO−IN.
2. Adjust C822 until the pilot burst phase is −95+−5 degrees as shown in Fig.E25.

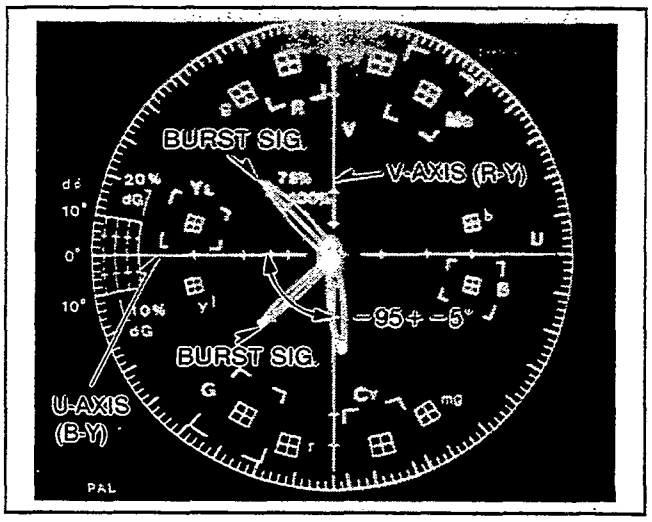


Fig. E25

2-3-19. TBC NOISE GATE ADJUSTMENT
(NV-FS200B/EC ONLY)

TP	ADJ.	MODE	INPUT
TP9001	VR9002	SELF RECORDING AND PLAYBACK (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	M. EQ.	SPEC.	
BLANK TAPE	OSCILLO-SCOPE	B=1.0+−0.1μsec	

1. Supply colour bar signal to the video input of AV1 and record the signal in the SP mode for a few minutes.
2. Connect the oscilloscope to TP9001.
3. Play back the just recorded signal.
4. Adjust VR9002 until the noise gate width "B" is 1.0+−0.1us as shown in Fig.E26.

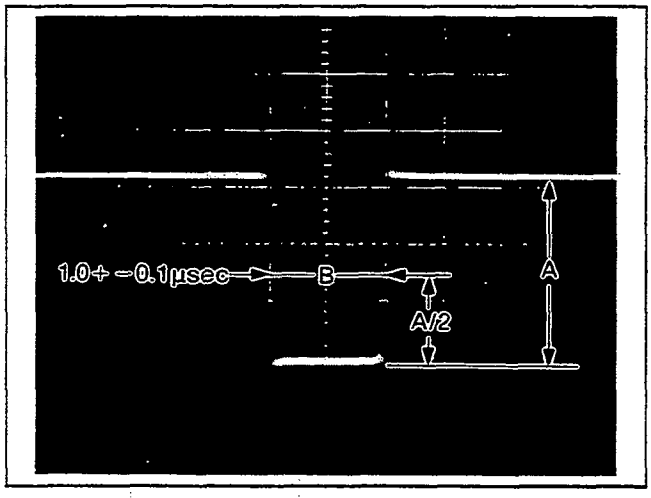


Fig. E26

2-3-20. TBC SYNC LEVEL ADJUSTMENT
(NV-FS200B/EC ONLY)

TP	ADJ.	MODE	INPUT
P9001-1	VR9001	SELF RECORDING AND PLAYBACK (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	M. EQ.	SPEC.	
BLANK TAPE	OSCILLO-SCOPE	B/A=43+−2%	

NOTE:
TBC SW should be ON.

1. Supply colour bar signal to the video input of AV1 and record the signal in the SP mode for a few minutes.
2. Connect the oscilloscope to Pin 1 of P9001.
3. Play back the just recorded signal.
4. Adjust VR9001 until the A level is 43+−2% of the B level. See Fig.E27.

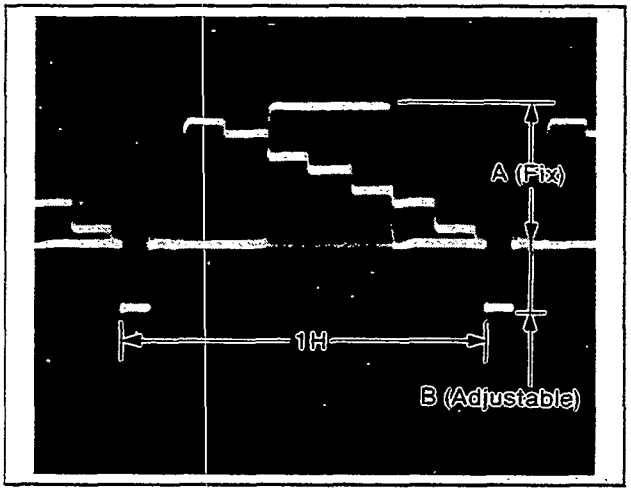


Fig. E27

2-3-21. TBC WHITE BALANCE ADJUSTMENT
(NV-FS200B/EC ONLY)

TP	ADJ.	MODE	INPUT
P9001-5	VR9005 VR9006	SELF RECORDING AND PLAYBACK (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	M. EQ.	SPEC.	
BLANK TAPE	OSCILLO-SCOPE	MINIMUM AC COMPONENT ON WHITE PORTION	

NOTE:
TBC SW should be ON.

1. Supply colour bar signal to the video input of AV1 and record the signal in the SP mode for a few minutes.
2. Connect the oscilloscope to Pin 5 of P9001.
3. Play back the just recorded signal.

4. Adjust both VR9005 and VR9006 until the white portion signal is as small as possible. See Fig.E28.

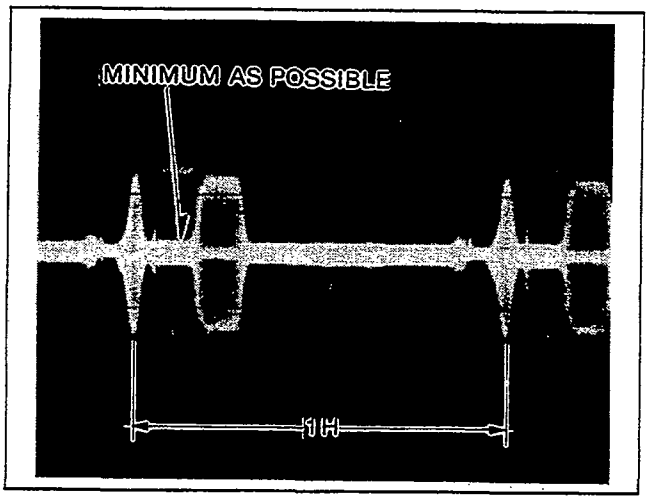


Fig. E28

2-3-22. TBC R-Y LEVEL ADJUSTMENT (NV-FS200B/EC ONLY)

TP	ADJ.	MODE	INPUT
AV1 OUT	VR9003	SELF RECORDING AND PLAYBACK (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	M. EQ.	SPEC.	
BLANK TAPE	VECTOR-SCOPE	TBC ON AND OFF RED VECTOR PHASE DIFFERENCE IS +-3°	

1. Supply colour bar signal to the video input of AV1 and record the signal in the SP mode for a few minutes.
2. Play back the just recorded signal.
3. Check the RED vector phase when TBC SW is off.
4. Turn on the TBC SW and adjust VR9003 until the red vector is +-3 degrees of TBC SW OFF. See Fig.E29.

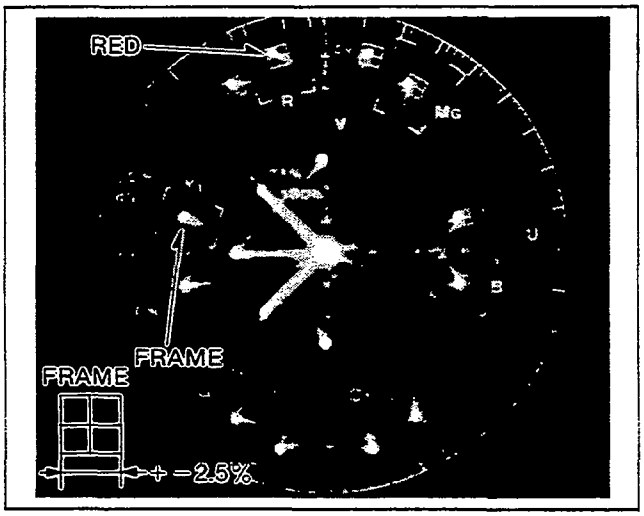


Fig. E29

2-3-23. TBC DIGITAL CHROMINANCE LEVEL ADJUSTMENT (NV-FS200B/EC ONLY)

TP	ADJ.	MODE	INPUT
AV1 OUT	VR9004	SELF RECORDING AND PLAYBACK (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	M. EQ.	SPEC.	
BLANK TAPE	VECTOR-SCOPE	TBC ON AND OFF BURST LEVEL BECOMES SAME	

1. Supply colour bar signal to the video input of AV1 and record the signal in the SP mode for a few minutes.
2. Play back the just recorded signal.
3. Adjust GAIN VR in the vectorscope until the burst vector gain is 75% when TBC SW off.
4. Turn on the TBC SW and adjust VR9004 until the burst vector gain is the same as the TBC SW OFF. See Fig.E30.

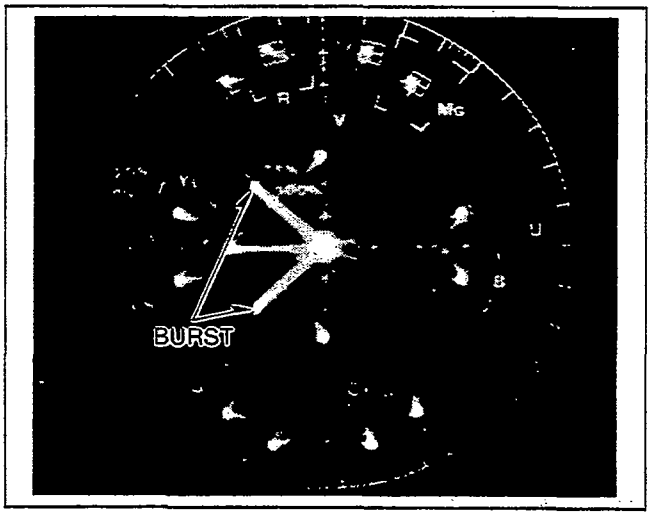


Fig. E30

NOTE:
Check TBC R-Y level AND TBC DIGITAL chrominance level at the same time when adjusting them.

2-3-24. TBC PLAYBACK LEVEL ADJUSTMENT (NV-FS200B/EC ONLY)

TP	ADJ.	MODE	INPUT
P9001-1	VR9007	SELF RECORDING AND PLAYBACK (SP MODE)	COLOUR BAR (AV1 IN)
TAPE	M. EQ.	SPEC.	
BLANK TAPE	OSCILLO-SCOPE	100+-2.5%	

1. Supply colour bar signal to the video input of AV1 and record the signal in the SP mode for a few minutes.
2. Connect the oscilloscope to Pin 3 and Pin 1 of P9001.

3. Play back the just recorded signal.
4. Read the playback level to Pin 3 of P9001.
5. Adjust VR9007 until the Pin 1 level is 100+−2.5% of the Pin 3 level.

TIMER Section

2-3-25. TIMER CLOCK ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC7501-28	C7511		
TAPE	**M. EQ.**	**SPEC.**	
	FREQUENCY COUNTER	7812.5+−0.015μsec	

1. Connect the frequency counter to Pin 28 of IC7501.
2. Adjust C7511 for 7812.5+−0.015μs.

NORMAL AUDIO Section

2-3-26. AUDIO BIAS CURRENT ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP4002 (+) TP4003 (−)	VR4001	RECORDING	
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	V.T.V.M.	2.3+−0.1 mVrms	

1. Connect the V.T.V.M. to TP4002 (+) and TP4003 (−). (Do not use long cable for Connection)
2. Make a short circuit between terminal of audio input and GND.
3. Place the Unit in Recording mode.
4. Adjust VR4001 until the reading of V.T.V.M. is 2.3+−0.1mVrms.

Hi-Fi AUDIO Section

2-3-27. AUDIO PLAYBACK LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
AV1 OUT	VR4501	STOP	1kHz, −10dB SINEWAVE (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	SIGNAL GENERATOR/ V.T.V.M.	EE LEVEL=−8+−0.5dB (380mVrms~420mVrms)	

1. Set the STEREO Mode.
2. Adjust VR4512 until the level of the (L)CH E-E level is −8+−0.5dB(380 to 420mVrms).

NOTE:
Before this adjustment, "Tape Interchangeability Adjustment" and "Audio Bias Current Adjustment" must be completed.

2-3-28. Hi-Fi AUDIO CARRIER FREQUENCY ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC4501-34 (L) IC4501-47 (R)	VR4551 (PAL-L) VR4552 (PAL-R) VR4501 (NTSC-L) VR4509 (NTSC-R)	RECORDING (SP MODE)	
TAPE	**M. EQ.**	**SPEC.**	
	FREQUENCY COUNTER	PAL-L: 1400+−3kHz PAL-R: 1800+−3kHz NTSC-L: 1300+−3kHz NTSC-R: 1700+−3kHz	

1. Connect the GND to Pin 47 of IC6001 (compulsory NTSC mode).
2. Put unit into the SP recording mode.
3. Connect the frequency counter to Pin 34 of IC4501.
4. Adjust VR4501 until the frequency is 1300+−3KHz.
5. Connect the frequency counter to Pin 47 of IC4501.
6. Adjust VR4509 until the frequency is 1700+−3KHz.
7. Disconnect the GND to Pin 47 of IC6001.
8. Put unit into the SP recording mode.
9. Connect the frequency counter to Pin 34 of IC4501.
10. Adjust VR4551 until the frequency is 1400+−3KHz.
11. Connect the frequency counter to Pin 47 of IC4501.
12. Adjust VR4552 until the frequency is 1800+−3KHz.

2-3-29. AUDIO DEVIATION ADJUTMENT

TP	ADJ.	MODE	INPUT
BETWEEN VR4502 AND R4511 (L) BETWEEN VR4507 AND R4561 (R)	VR4502 (L) VR4507 (R)	RECORDING (SP MODE)	1kHz, −10dB (316mVp-p) (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	V.T.V.M.	120mVrms	

1. Set the output level of the Signal Generator to 1KHz/−10dB and supply it to both Audio Input terminals (L) and (R).
2. Adjust the recording level (Audio output) with Hi-Fi Rec Level VR on the Front Panel until the audio outputs are 400mVrms (V.T.V.M.) at both Audio Output terminals (L) and (R).
3. Connect the V.T.V.M. between VR4502 and R4511.
4. Adjust VR4502 until the level is 120mVrms.
5. Connect the V.T.V.M. between VR4507 and R4561.
6. Adjust VR4507 until the level is 120mVrms.

2-3-30. FM BPF LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC4501-33 (L) IC4501-48 (R)	VR4550	PLAYBACK	1.608MHz 400mVp-p (PS4003-8)
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	SIGNAL GENERATOR/ D.V.M.	L CH=R CH	

1. Remove the P551.
2. Record the no signal in the SP mode.
3. Set the output of the signal generator to 1.608MHz and 400mVp-p, and supply it to Pin 8 of PS4003.
4. Connect the D.V.M. to the Pin 33 and Pin 48 of IC4501.
5. Play back the just recorded signal.
6. Adjust VR4550 until the (L)CH level is same level of (R)CH level.

2-3-31. LEVEL METER SENSITIVITY ADJUSTMENT

TP	ADJ.	MODE	INPUT
LEVEL METER	VR7501	STOP	1kHz, −10dB (AV1 IN)
TAPE	**M. EQ.**	**SPEC.**	
	SIGNAL GENERATOR	0dB INDICATOR JUST LIGHT UP	

1. Set the Audio Playback Mode Selector to STEREO position by infrared remotecontrollar. (Both the Left and Right Indicators are lit.
2. Set the Audio recording SW to MANUAL. Next Adjust the output level with the Audio Rec Level Controls until the audio outputs are 400mVrms at both Output Jacks (L) and (R).
3. Adjust VR7501 until the 0dB indicator just lights up on the level meter as shown in Fig.E31.

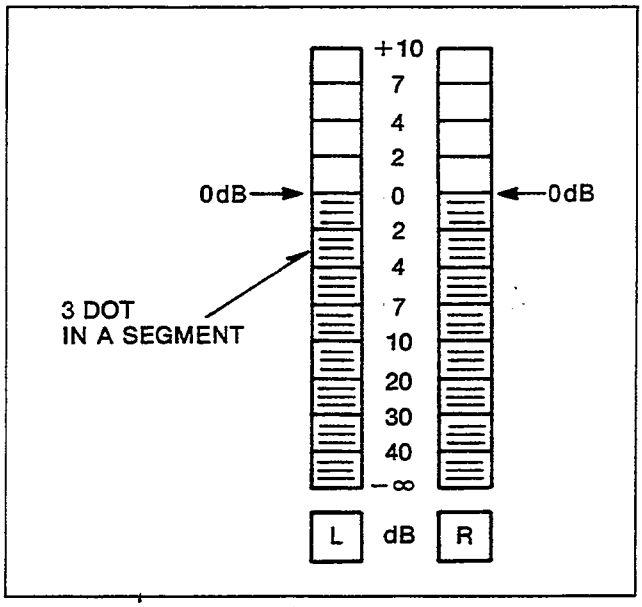
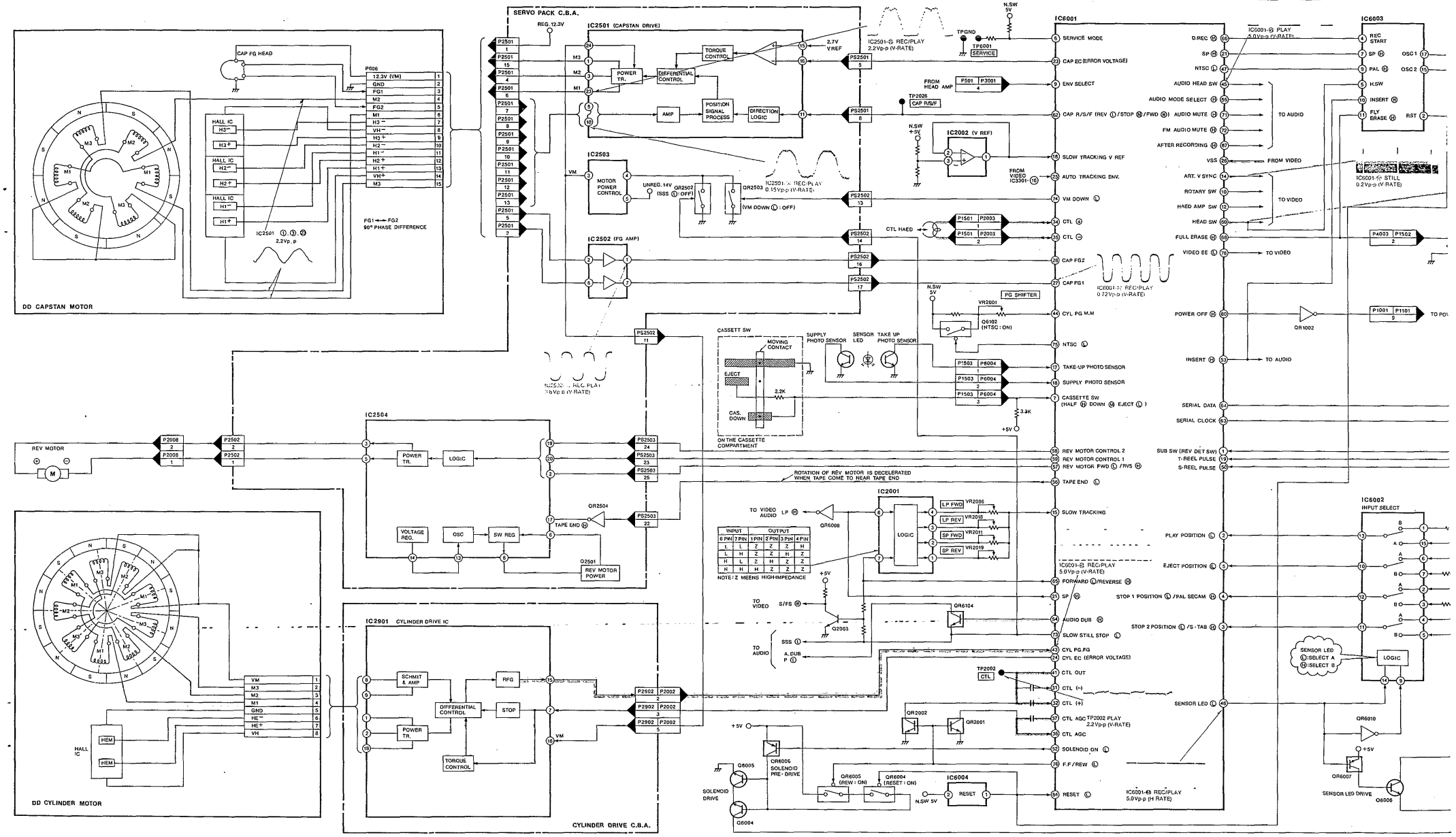
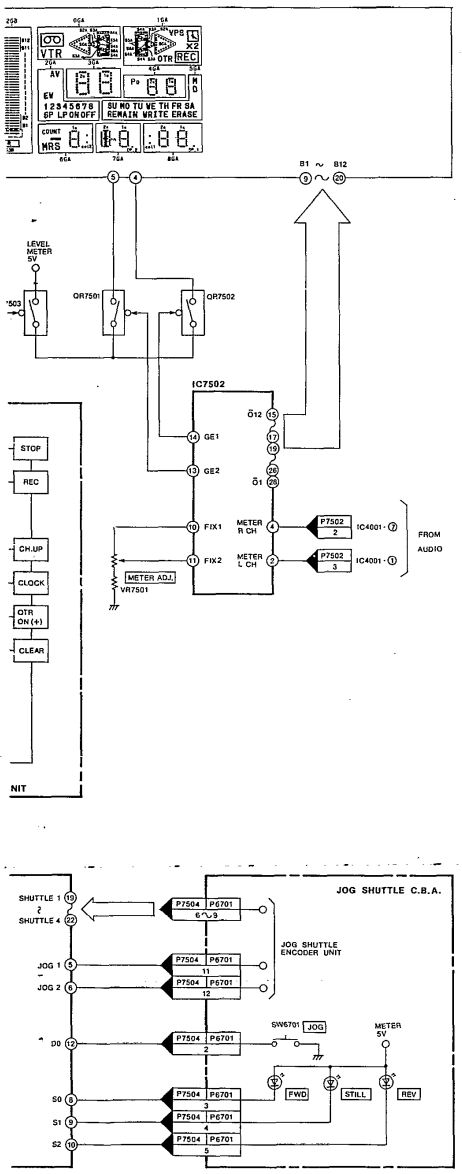


Fig. E31

SECTION 3
BLOCK DIAGRAMS

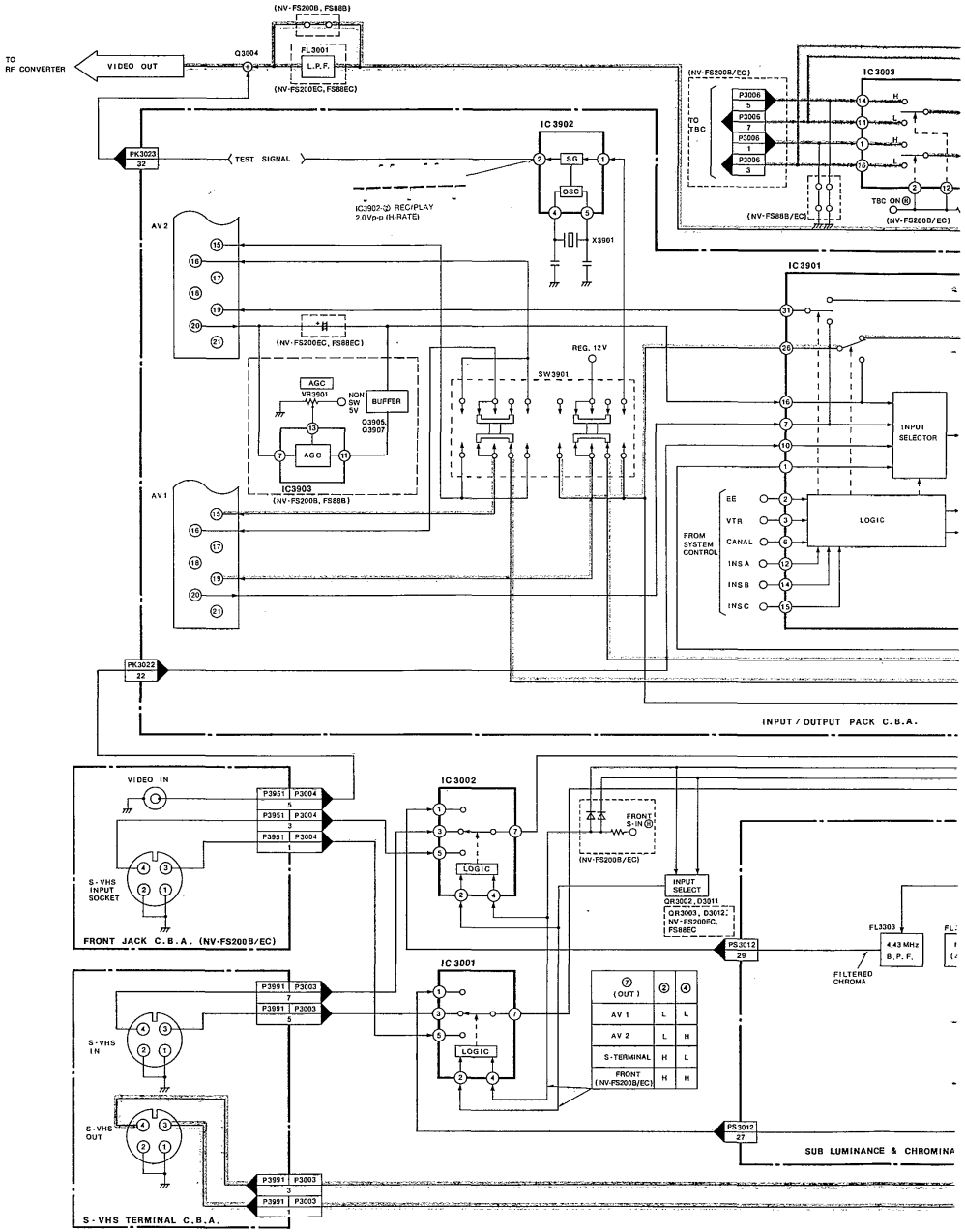
3-1. SYSTEM CONTROL & SERVO BLOCK DIAGRAM

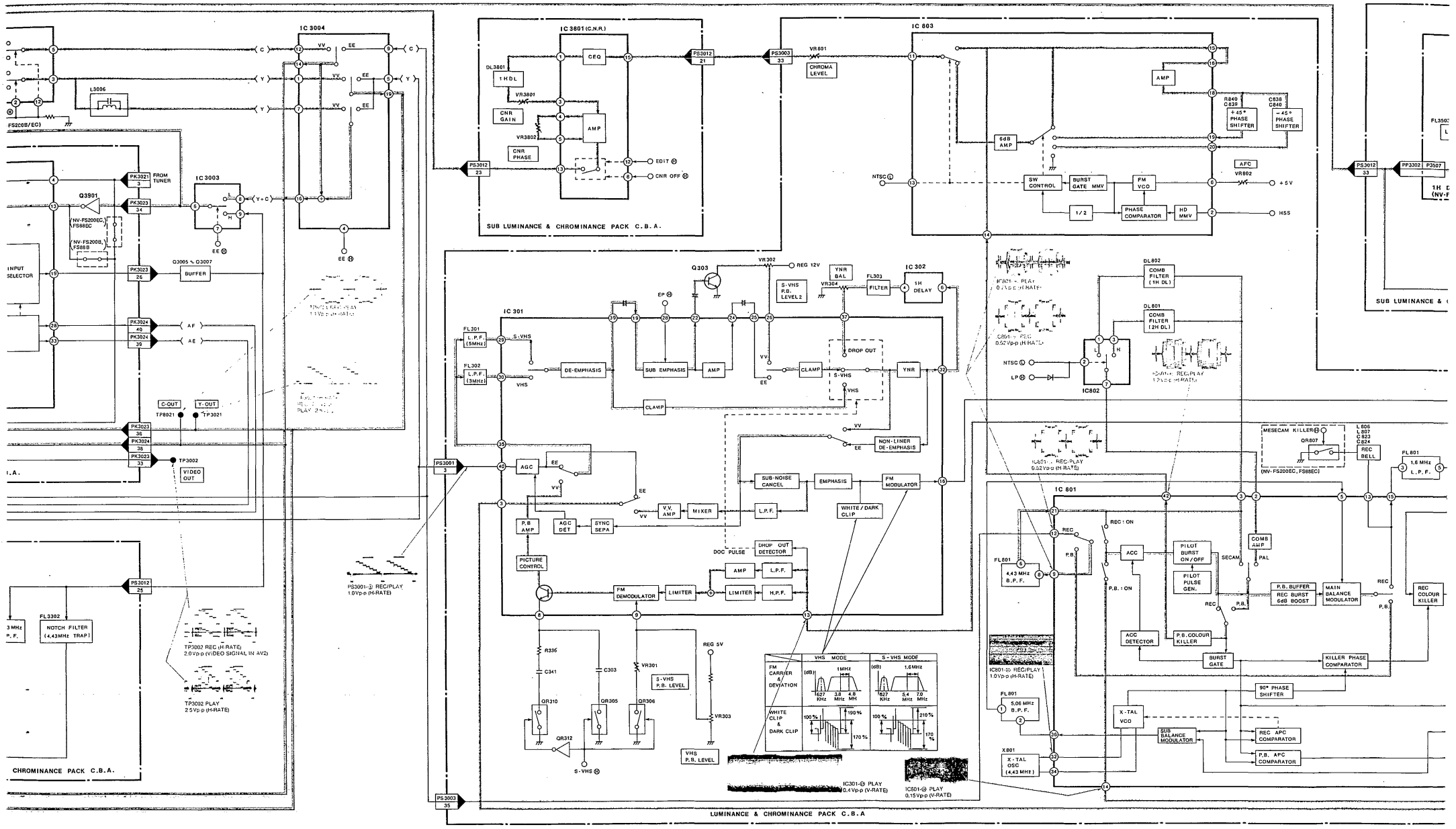




SYMBOL	TRUTH VALUE TABLE
INVERTER (a) ○—▷○— (b)	IN (a): H, L OUT (b): L, H
COMPARTOR (a), (b) → (c)	IN (a), (b): (a)>(b), (a)<(b) OUT (c): H, L
AND CIRCUIT (a), (b) → (c)	IN (a): L, L, H, H IN (b): L, H, L, H OUT (c): L, L, L, H
OR CIRCUIT (a), (b) → (c)	IN (a): L, L, H, H IN (b): L, H, L, H OUT (c): L, H, H, H
THREE STATES BUFFER (b), (a) → (c)	IN (a): H, L, H or L IN (b): L, L, H OUT (c): H, L, ※ ※ High Impedance
TR. SW (NPN TYPE) (C), (E), (B)	BASE: H, L TR. SW: ON, OFF
TR. SW (PNP TYPE) (E), (C), (B)	BASE: H, L TR. SW: OFF, ON
R-S TYPE FLIP-FLOP (a) S Q (c); (b) R Q̄ (d)	IN (a): L, L, ⎍ IN (b): L, ⎍, L OUT (c): ※, L, H OUT (d): ◆, H, L ※ Initial condition is maintained. ◆ Initial condition is reversed.

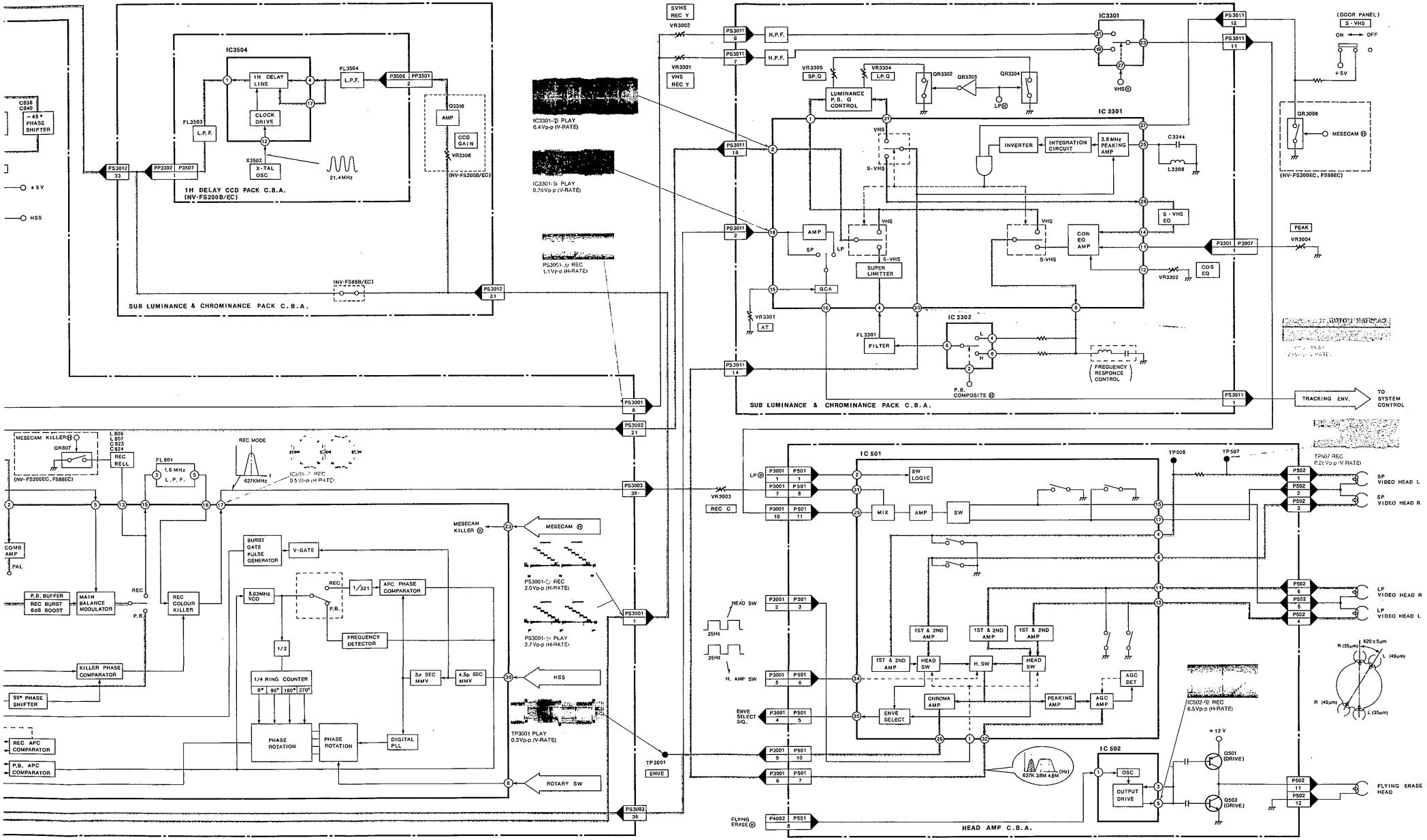
3-2. LUMINANCE & CHROMINANCE BLOCK DIAGRAM




IC 3004
IC 3003
IC 3801 (C.N.R.)
IC 803
IC 301
IC 302
IC 801
IC802
Q3901
Q303
L3006
FL3302
NOTCH FILTER (4.43MHz TRAP)
CHROMINANCE PACK C.B.A.
SUB LUMINANCE & CHROMINANCE PACK C.B.A.
LUMINANCE & CHROMINANCE PACK C.B.A
BUFFER
VIDEO OUT
FROM TUNER
CHROMA LEVEL
CNR GAIN
CNR PHASE
CNR OFF
EDIT
AMP
6dB AMP
+45° PHASE SHIFTER
-45° PHASE SHIFTER
SW CONTROL
BURST GATE MMV
FM VCO
PHASE COMPARATOR
HD MMV
1/2
AFC
+5V
HSS
NTSC
REG 12V
REG 5V
YNR BAL
S-VHS P.B. LEVEL 2
1H DELAY
COMB FILTER (1H DL)
COMB FILTER (2H DL)
DE-EMPHASIS
SUB EMPHASIS
CLAMP
DROP OUT
YNR
NON-LINER DE-EMPHASIS
AGC
SUB-NOISE CANCEL
EMPHASIS
FM MODULATOR
V.V. AMP
MIXER
L.P.F.
WHITE / DARK CLIP
P.B AMP
AGC DET
SYNC SEPA
PICTURE CONTROL
DOC PULSE
DROP OUT DETECTOR
H.P.F.
FM DEMODULATOR
LIMITER
S-VHS P.B. LEVEL
MESECAM KILLER
REC BELL
REC : ON
P.B. : ON
ACC
PILOT BURST ON / OFF
PILOT PULSE GEN.
COMB AMP
P.B. BUFFER
REC BURST 6dB BOOST
MAIN BALANCE MODULATOR
REC COLOUR KILLER
ACC DETECTOR
P.B. COLOUR KILLER
BURST GATE
KILLER PHASE COMPARATOR
90° PHASE SHIFTER
X-TAL VCO
SUB BALANCE MODULATOR
REC APC COMPARATOR
P.B. APC COMPARATOR
X-TAL OSC (4.43 MHz)
VHS MODE
S-VHS MODE
FM CARRIER & DEVIATION
WHITE CLIP & DARK CLIP
S-VHS
VHS
TP3002 REC (H-RATE) 2.0Vp-p (VIDEO SIGNAL IN AV2)
TP3002 PLAY 2.5Vp-p (H-RATE)
PS3001-③ REC/PLAY 1.0Vp-p (H-RATE)
IC301-⑭ PLAY 0.4Vp-p (V-RATE)
IC801-⑭ PLAY 0.15Vp-p (V-RATE)
IC801-⑫ REC/PLAY 1.0Vp-p (H-RATE)

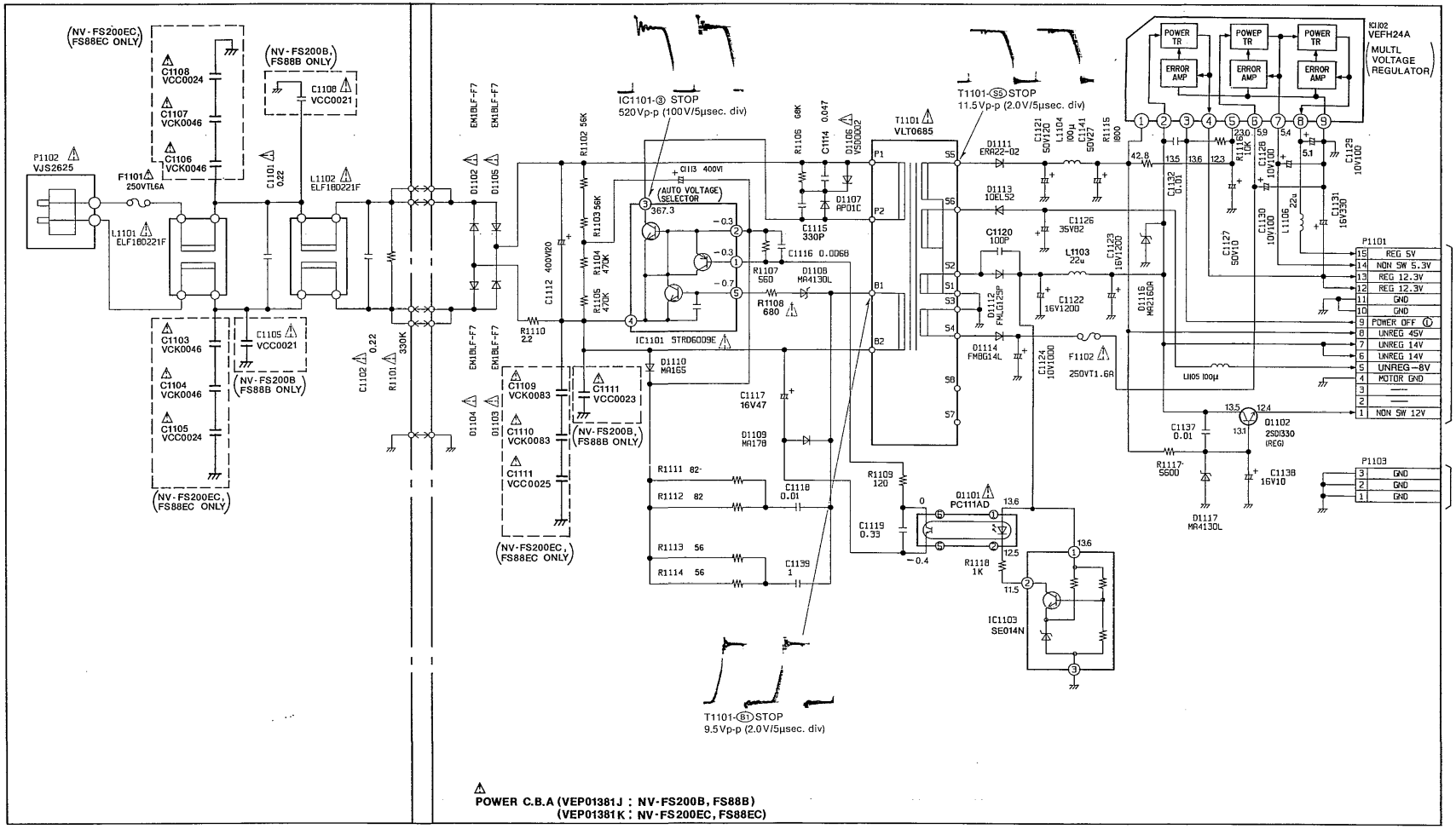
MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL PATH IN PLAYBACK MODE



SECTION 4
SCHEMATIC DIAGRAM

1. POWER SCHEMATIC DIAGRAM



⚠ POWER C.B.A (VEP01381J : NV-FS200B, FS88B)
(VEP01381K : NV-FS200EC, FS88EC)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

NOTE 1. WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORMER CIRCUIT, SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.
PRIMARY SIDE ..... IC1101-(4)
SECONDARY SIDE ... TP GND OF MAIN C.B.A.
NOTE 2. THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WHEN INPUT AC IS 220V.

1 2 3 4 5 6 7 8 9 10

VOLTAGE CHART POWER

STEM CONTROL & SERVO ICs DC VOLTAGE CHART (SP MODE)

NO.	IC2001										IC2002									
E	1	2	3	4	5	6	7	8			1	2	3	4	5	6	7	8		
P 2	2.4	4.9	0	0	0	5.0	0	5.0			2.5	2.5	2.5	0	2.4	4.3	3.8	5.0		
Y	2.4	4.9	0	0	0	5.0	0	5.0			2.5	2.5	2.5	0	2.4	4.2	3.8	5.0		
	2.4	4.9	0	0	0	5.0	0	5.0			2.5	2.5	2.5	0	2.5	4.2	3.8	4.9		
	2.4	4.9	0	0	0	5.0	0	5.0			2.5	2.5	2.5	0	2.5	2.0	2.5	5.0		
V	2.4	4.9	0.1	0	0	5.0	0	5.0			2.5	2.5	2.5	0	2.5	1.8	2.5	5.0		

NO.	IC2003																			
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
P 2	0	0	0	0	0	5.0	0	1.7	1.7	1.3	1.1	0.3	0	5.0						
Y	0	0	0	0	0	5.0	0	3.3	3.3	3.3	2.7	0.3	0	5.0						
	0	0	0	0	0	5.0	0	0.9	0.9	0.9	0.2	0.3	0	5.0						
	0	0	0	0	0	5.0	0	1.2	1.2	1.2	0.6	0.3	0	5.0						
V	0	0	0	0	0	5.0	0	0	1.2	1.2	0.6	0.3	0	5.0						

NO.	IC2901																			
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
P 2	11.7	11.7	0.1	1.2	0	2.5	2.4	2.5	2.4	2.6	5.0	3.6	3.7	3.8	0.8	12.0	11.7	0.1		
Y	10.0	10.0	0.1	1.1	0	2.5	2.4	2.5	2.4	2.6	5.0	3.7	3.7	0	1.1	10.5	10.0	0.1		
	10.0	10.0	0.1	1.2	0	2.5	2.4	2.5	2.4	2.6	5.0	3.8	3.8	3.7	1.1	10.5	10.0	0.1		
	13.4	13.4	0	0.1	0	2.5	4.2	2.4	2.5	1.3	5.0	4.1	4.1	3.8	5.0	13.3	13.4	0		
V	13.4	13.4	0	0.1	0	2.5	4.2	2.4	2.5	1.3	5.0	4.1	4.1	3.8	5.0	13.3	13.4	0		

NO.	IC6001																			
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
P 2	0	0	0.3	5.0	5.0	5.0	2.0	0	0	4.4	5.0	0	0	0	0	2.5	0	3.2	0	0
Y	0	0	0.3	5.0	5.0	5.0	2.0	0	3.9	3.7	5.0	0	0	0	0	2.5	3.2	3.2	4.8	0
	0	0	0.3	5.0	5.0	5.0	2.0	0	4.5	3.0	5.0	0	0	0	0	2.5	3.2	3.2	4.9	0
	0	0.5	0.5	4.7	5.0	5.0	2.0	0	0.1	5.0	5.0	0	0	0.1	0	2.5	3.2	3.2	1.8	0
V	0	0.5	0.5	4.7	5.0	5.0	2.0	0	0	5.0	5.0	0	0	0	0	2.5	3.2	3.2	2.6	0

NO.	IC6001																			
E	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
P 2	5.0	5.0	0.1	2.4	1.7	2.5	2.4	2.4	0	2.5	2.4	2.6	4.9	0	0	0	2.5	2.5	0	2.4
Y	5.0	5.0	2.4	2.4	3.3	2.5	2.5	2.4	0	2.5	2.5	2.5	4.9	0	0	0	2.5	2.5	0	2.7
	5.0	5.0	2.5	2.4	0.9	2.4	2.4	2.4	0	2.5	0	2.6	4.9	2.3	2.7	0	2.5	2.5	0	0
	5.0	5.0	2.5	4.2	1.2	2.5	2.5	2.4	0	2.5	2.5	2.6	4.9	2.0	0	0	2.5	2.5	0	2.2
V	5.0	5.0	2.4	4.2	1.2	2.5	2.4	2.4	0	2.5	2.5	2.6	4.9	0	0	0	2.5	2.5	0	2.8

NO.	IC6001																			
E	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
P 2	2.4	5.0	1.1	2.8	0	4.7	4.9	5.0	0	3.8	4.0	5.0	0	0	5.0	5.0	0	0	0	4.3
Y	2.4	5.0	1.3	2.4	2.9	4.7	5.0	5.0	0	3.8	4.4	5.0	0	0	5.0	5.0	0	0	0	5.0
	0	0	1.1	2.5	0	4.7	4.9	5.0	0	3.8	3.7	5.0	0	0	5.0	5.0	0	0	0	3.0
	2.4	5.0	4.9	0	0	4.4	5.0	5.0	0	2.2	3.9	5.0	0	0	5.0	5.0	0	0	0.1	0
V	2.4	5.0	4.9	0	0	4.4	5.0	5.0	0	2.7	4.4	5.0	0	0	5.0	5.0	0	0	0	0

NO.	IC6001																			
E	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
P 2	5.0	2.0	4.2	4.2	0	0	0	0	0	0	0	0	0	4.9	4.9	4.9	5.0	0	5.0	0
Y	5.0	0	4.2	4.0	0	0	0	0	0	5.0	0	0	5.0	0	4.9	4.9	0	5.0	5.0	0
	5.0	0	4.2	0	0	5.0	4.9	4.9	4.9	5.0	0	0	5.0	0	4.9	4.9	5.0	0	5.0	0
	5.0	0	4.2	4.4	0	0	0	0	0	5.0	0	0	5.0	4.9	4.9	0	5.0	0	5.0	0
V	5.0	5.0	4.1	4.3	0	0	0	0	0	5.0	0	0	5.0	4.9	4.9	0	5.0	0	5.0	0

NO.	IC6001																			
E	81	82	83	84																
P 2	0	–	–	4.2																
Y	0	–	–	4.2																
	0	–	–	4.2																
	0	–	–	4.8																
V	0	–	–	4.8																

NO.	IC6002																			
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
P 2	0	5.0	5.0	5.0	0.5	5.0	5.0	0	0.3	5.0	0.3	5.0	0	5.0	0	5.0				
Y	0	5.0	5.0	5.0	0.5	5.0	5.0	0	0.3	5.0	0.3	5.0	0	4.7	0	5.0				
	0	5.0	5.0	5.0	0.5	5.0	5.0	0	0.3	5.0	0.3	5.0	0	4.7	0	5.0				
	0	0	2.3	5.0	0.5	5.0	5.0	0	1.7	5.0	0.5	4.7	1.5	4.7	5.0	5.0				
V	0	0	5.0	5.0	0.5	5.0	5.0	0	0.3	5.0	0.3	4.7	0.5	4.4	5.0	5.0				

NO.	IC6003																			
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
P 2	0	0.1	0	0	4.4	0	5.0	0	4.9	0	0	0.1	0.1	4.9	1.9	0	0.1	5.0		
Y	0	0.1	0	0	1.5	0	5.0	0	5.0	0	0	0.1	0.1	4.9	1.9	0	0.1	5.0		
	0	0.3	0	5.0	3.2	0	5.0	0	4.9	0.1	0	4.3	4.9	0	1.9	0	0.1	5.0		
	0	0.1	0	0	0	0	5.0	0	5.0	0	0	0.1	0.1	4.9	1.9	0	0	5.0		
V	0	0.1	0	0	0	0	5.0	0	5.0	0	0	0.1	0.1	4.9	1.9	3.9	3.8	5.0		

NO.	IC6004																			
E	1	2	3																	
P 2	4.2	4.8	0																	
Y	4.2	4.8	0																	
	4.2	4.8	0																	
	4.2	4.8	0																	
V	4.2	4.8	0																	

SYSTEM CONTROL & SERVO TRANSISTORs DC VOLTAGE CHART (SP MODE)

REF. NO.	Q2001			Q2002			Q2003			Q6001			Q6003			Q6004		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 2	5.0	5.3	5.7	1.7	0	1.0	0	5.0	0	4.9	5.0	5.7	13.4	13.4	5.0	0.7	13.4	0.8
PLAY	5.0	5.3	5.7	3.3	0	2.7	0	0	0.6	4.9	5.0	5.7	13.4	13.4	4.9	0.3	13.4	0.4
REC	5.0	5.3	5.7	0.9	0	0.2	0	0	0.6	4.9	5.0	5.7	13.4	13.4	5.6	0.7	13.4	0.9
F.F.	5.0	5.3	5.7	1.3	0	0.6	0	0	0.6	4.9	5.0	5.7	13.3	13.3	4.9	0.7	13.3	0.8
REW	5.0	5.3	5.7	1.3	0	0.6	0	0	0.6	4.9	5.0	5.7	13.3	13.3	4.9	0.6	13.4	0.7

REF. NO.	Q6005			Q6006			Q6007			Q6008			Q6101			Q6102		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 2	−0.1	0.2	−0.1	0.4	13.4	0.3	4.2	4.9	4.8	0.7	0	0	4.3	4.8	0.3	5.0	4.6	4.9
PLAY	0	0.2	0	0.5	13.4	0.3	4.2	4.9	4.8	0	0	0.7	4.3	4.8	0.3	5.0	4.7	4.9
REC	0	1.3	0	0.5	13.4	0.3	4.2	4.9	4.8	0	0	0.7	4.5	4.8	0.3	5.0	4.7	4.9
F.F.	0	0.3	0	0.6	13.4	0.3	4.2	4.9	4.8	0	0	0.7	4.2	4.7	0.3	5.0	4.3	4.9
REW	0	0.7	0	0.7	13.4	0.6	4.2	4.9	4.8	0	0	0.7	3.7	4.7	0.2	5.0	4.3	4.9

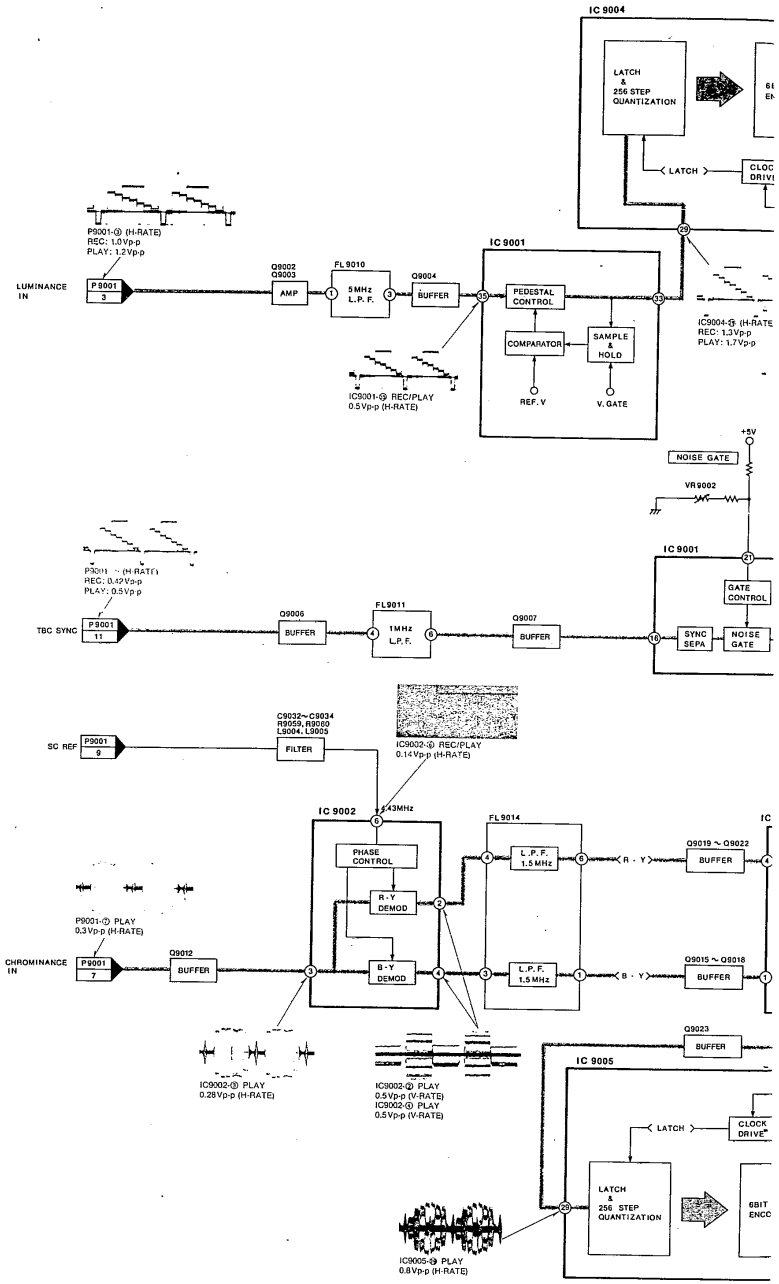
REF. NO.	QR2001			QR2002			QR6001			QR6002			QR6003			QR6004		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 2	0	0	4.9	0	0	4.9	4.9	4.9	0	4.9	4.9	0	0	0	4.8	1.4	0.1	4.2
PLAY	0	0	4.9	0	0	4.9	4.9	4.9	0	4.9	4.9	0	0	0	4.8	1.4	0	4.2
REC	0	0	4.9	0	0	4.9	4.9	4.9	0	4.9	4.9	0	0	0	4.8	1.4	0	4.2
F.F.	0	0	0	0	1.0	0	4.9	4.9	0	4.9	4.9	0	0	0	4.8	4.9	0	4.8
REW	0	0	0	0	0.9	0	4.9	4.9	0	4.9	4.9	0	0	0	4.8	4.9	0	4.8

REF. NO.	QR6005			QR6006			QR6007			QR6008			QR6009			QR6010		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 2	5.0	1.4	4.9	5.0	−0.1	5.0	5.0	0.1	4.7	5.0	0.3	5.0	0	0.1	4.2	0	0.3	5.0
PLAY	5.0	1.4	4.9	5.0	0	5.0	5.0	0.3	4.7	5.0	0.3	5.0	0	0.1	4.2	0	0.3	4.7
REC	5.0	1.4	4.9	5.0	0	5.0	5.0	0.3	4.7	5.0	0.3	5.0	0	0.1	4.2	0	0.3	4.7
F.F.	5.0	4.9	0	5.0	0	5.0	5.0	0.6	4.4	5.0	0.3	5.0	0	0.1	4.8	0	0.3	4.4
REW	5.0	4.9	0	5.0	0	5.0	5.0	0.6	4.4	5.0	0.3	5.0	0	0.1	4.8	0	0.5	4.4

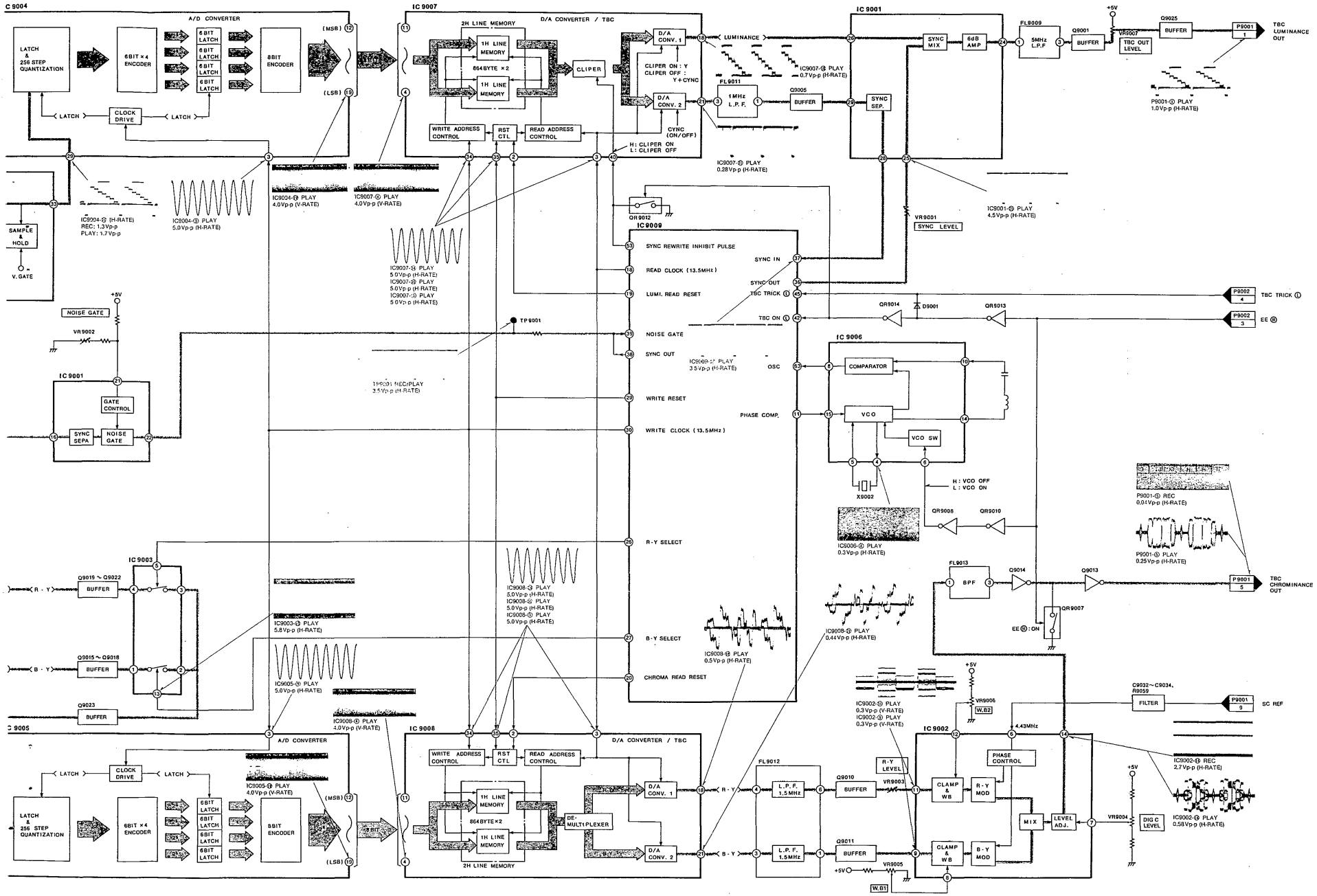
REF. NO.	QR6011			QR6012			QR6014			QR6101			QR6102			QR6103		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 2	0	3.5	0	0	3.4	0.4	5.0	4.4	4.9	0	0.2	4.1	0	3.4	0	0	3.4	0
PLAY	0	3.5	0	0	3.7	0.4	5.0	4.4	4.9	0	0.2	4.1	0	3.4	0	0	3.4	0
REC	0	3.5	0	0	3.4	0.4	5.0	4.4	4.9	0	0.3	4.1	0	3.4	0	0	3.4	0
F.F.	0	3.5	0	0	3.4	0.4	5.0	4.4	4.9	0	0	4.2	0	3.3	0	0	3.3	0
REW	0	3.5	0	0	3.4	0.4	5.0	4.4	4.9	0	0.3	4.2	0	3.3	0	0	3.3	0

REF. NO.	QR6104		
MODE	E	C	B
STOP 2	0	4.6	0
PLAY	5.0	4.4	0
REC	5.0	4.5	0
F.F.	4.9	4.4	0
REW	4.9	4.3	0

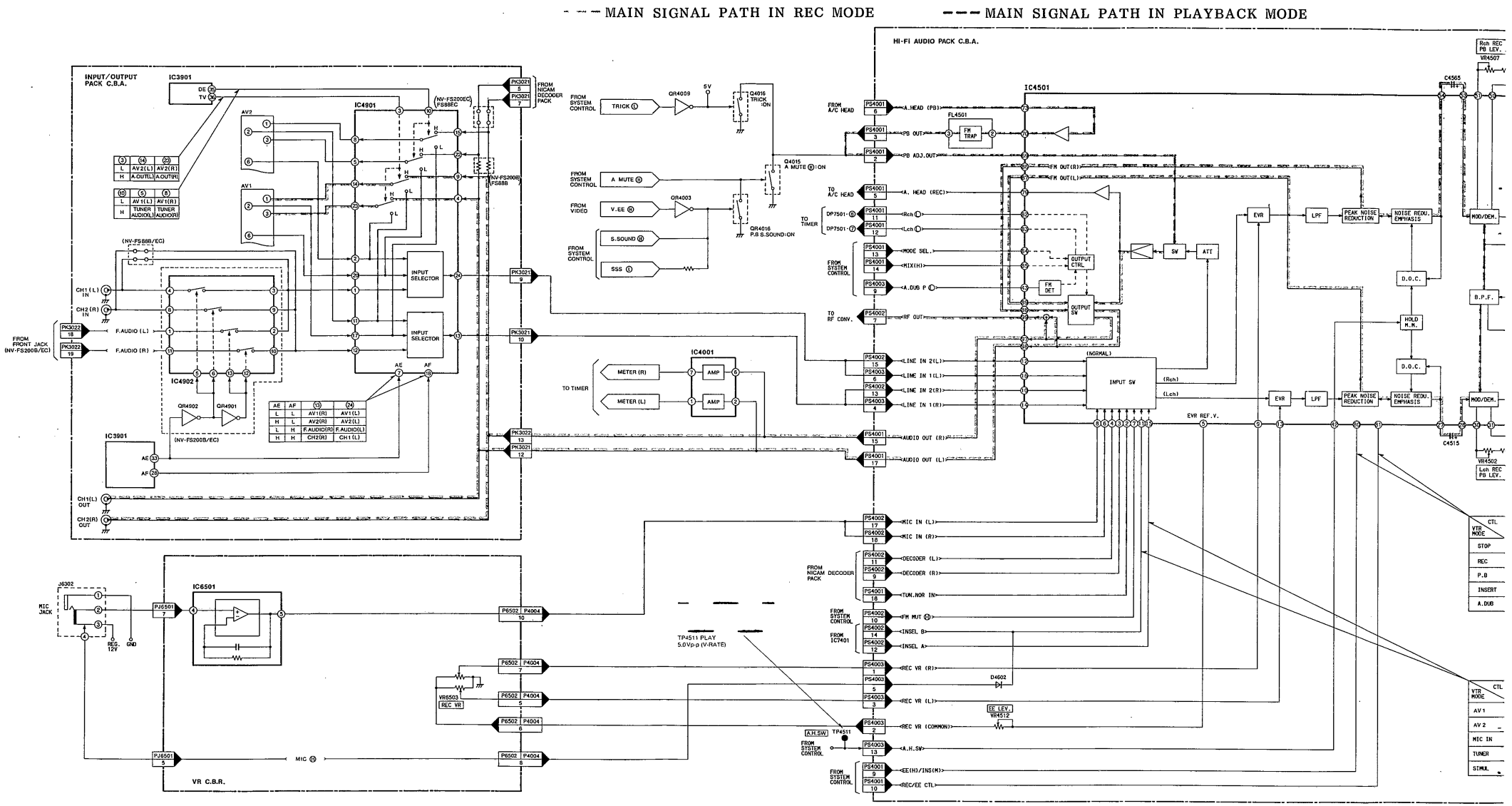
3-3. TBC BLOCK DIAGRAM (NV-FS200B/EC)

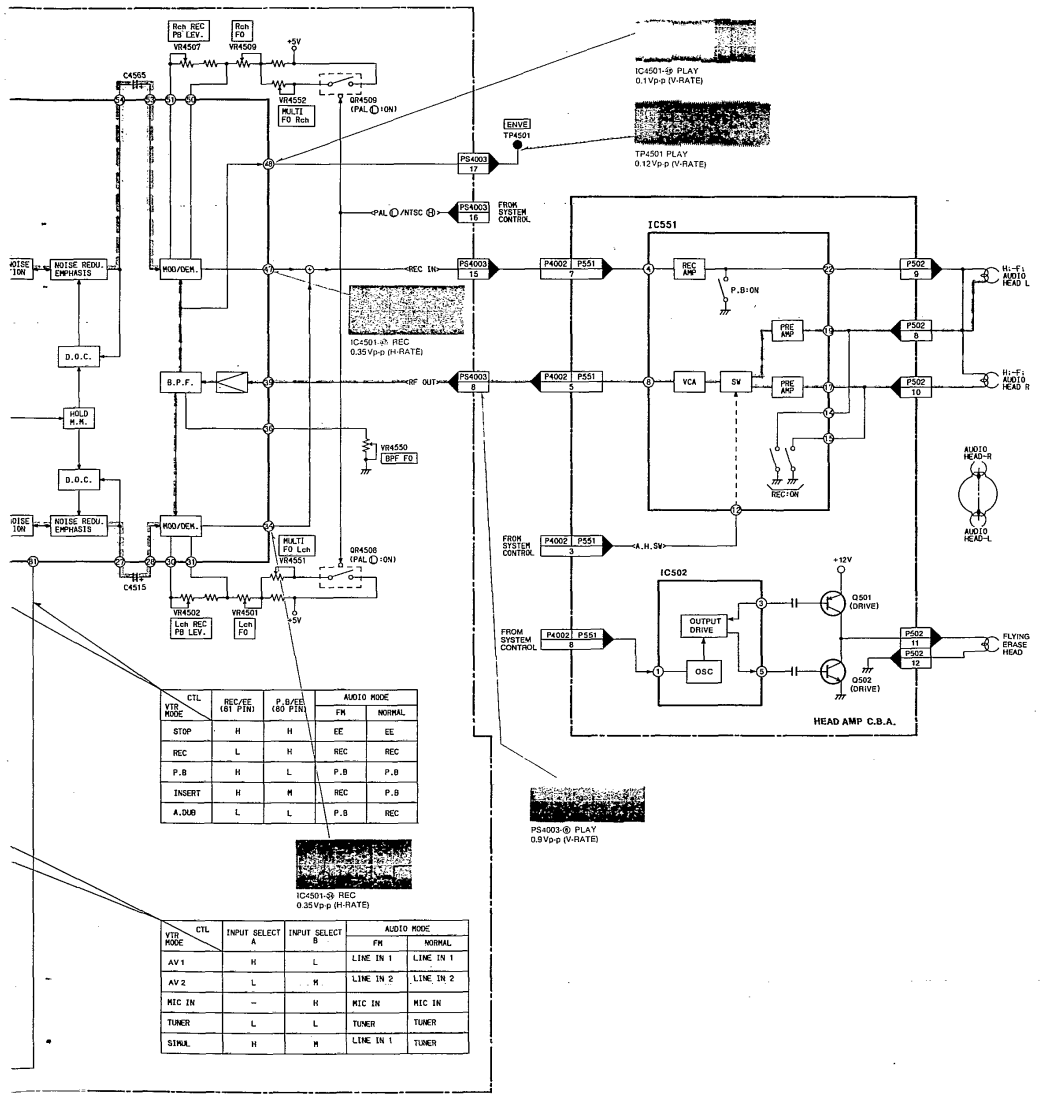


MAIN SIGNAL PATH IN PLAYBACK MODE



3-4. Hi-Fi AUDIO BLOCK DIAGRAM



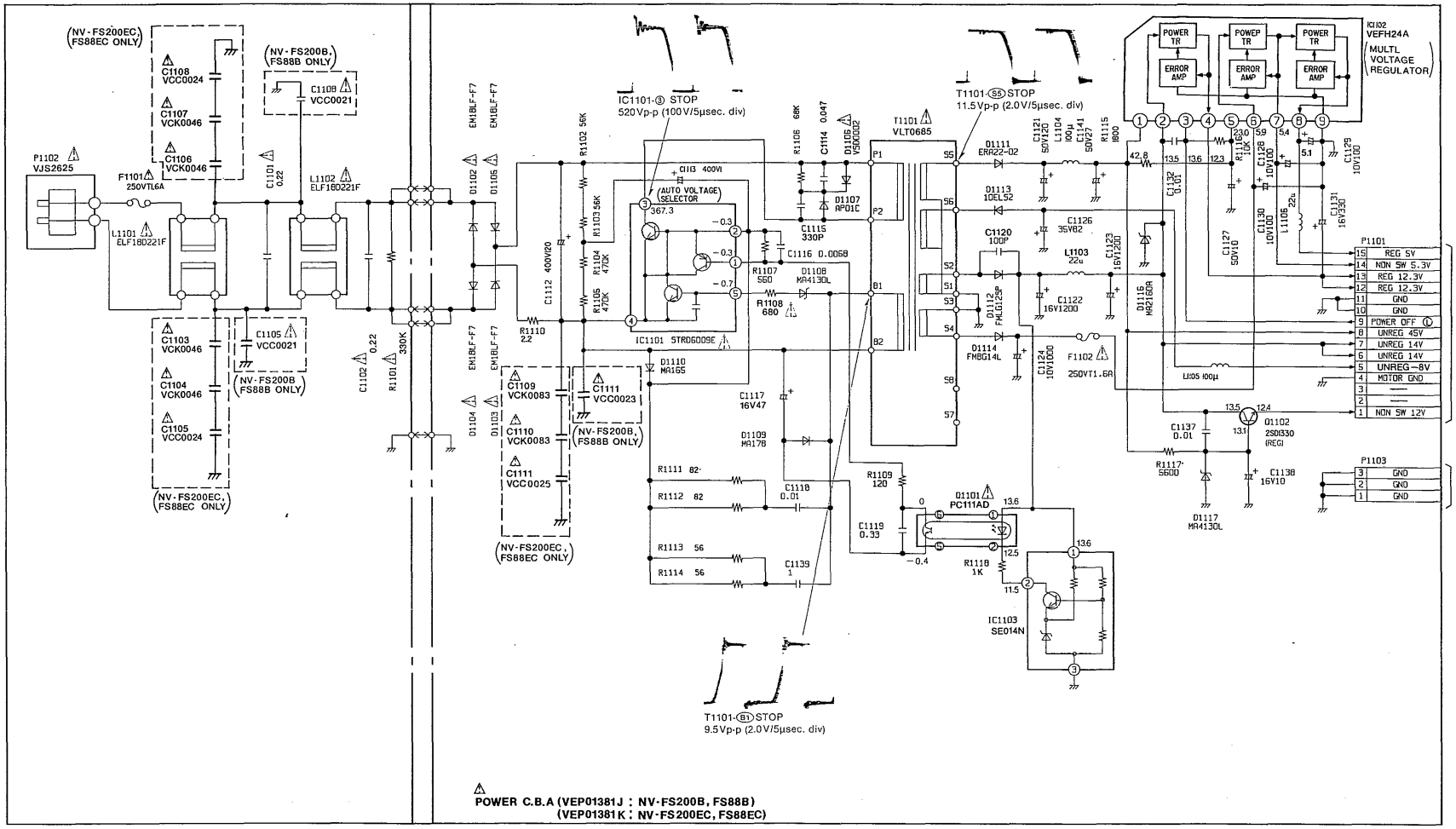


CTL / VTR MODE	REC/EE (61 PIN)	P.B/EE (60 PIN)	AUDIO MODE FM	AUDIO MODE NORMAL
STOP	H	H	EE	EE
REC	L	H	REC	REC
P.B	H	L	P.B	P.B
INSERT	H	M	REC	P.B
A.DUB	L	L	P.B	REC

CTL / VTR MODE	INPUT SELECT A	INPUT SELECT B	AUDIO MODE FM	AUDIO MODE NORMAL
AV 1	H	L	LINE IN 1	LINE IN 1
AV 2	L	H	LINE IN 2	LINE IN 2
MIC IN	–	H	MIC IN	MIC IN
TUNER	L	L	TUNER	TUNER
SIMUL	H	H	LINE IN 1	TUNER

SECTION 4
SCHEMATIC DIAGRAM

1. POWER SCHEMATIC DIAGRAM



NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

NOTE 1. WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORMER CIRCUIT, SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.
PRIMARY SIDE ..... IC1101-(4)
SECONDARY SIDE ... TP GND OF MAIN C.B.A.
NOTE 2. THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WHEN INPUT AC IS 220V.

STEM CONTROL & SERVO ICs DC VOLTAGE CHART (SP MODE)

NO.	IC2001										IC2002									
E	1	2	3	4	5	6	7	8			1	2	3	4	5	6	7	8		
)P 2	2.4	4.9	0	0	0	5.0	0	5.0			2.5	2.5	2.5	0	2.4	4.3	3.8	5.0		
Y	2.4	4.9	0	0	0	5.0	0	5.0			2.5	2.5	2.5	0	2.4	4.2	3.8	5.0		
	2.4	4.9	0	0	0	5.0	0	5.0			2.5	2.5	2.5	0	2.5	4.2	3.8	4.9		
	2.4	4.9	0	0	0	5.0	0	5.0			2.5	2.5	2.5	0	2.5	2.0	2.5	5.0		
V	2.4	4.9	0.1	0	0	5.0	0	5.0			2.5	2.5	2.5	0	2.5	1.8	2.5	5.0		

NO.	IC2003																			
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
)P 2	0	0	0	0	0	5.0	0	1.7	1.7	1.3	1.1	0.3	0	5.0						
Y	0	0	0	0	0	5.0	0	3.3	3.3	3.3	2.7	0.3	0	5.0						
	0	0	0	0	0	5.0	0	0.9	0.9	0.9	0.2	0.3	0	5.0						
	0	0	0	0	0	5.0	0	1.2	1.2	1.2	0.6	0.3	0	5.0						
V	0	0	0	0	0	5.0	0	0	1.2	1.2	0.6	0.3	0	5.0						

NO.	IC2901																			
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
)P 2	11.7	11.7	0.1	1.2	0	2.5	2.4	2.5	2.4	2.6	5.0	3.6	3.7	3.8	0.8	12.0	11.7	0.1		
Y	10.0	10.0	0.1	1.1	0	2.5	2.4	2.5	2.4	2.6	5.0	3.7	3.7	0	1.1	10.5	10.0	0.1		
	10.0	10.0	0.1	1.2	0	2.5	2.4	2.5	2.4	2.6	5.0	3.8	3.8	3.7	1.1	10.5	10.0	0.1		
	13.4	13.4	0	0.1	0	2.5	4.2	2.4	2.5	1.3	5.0	4.1	4.1	3.8	5.0	13.3	13.4	0		
V	13.4	13.4	0	0.1	0	2.5	4.2	2.4	2.5	1.3	5.0	4.1	4.1	3.8	5.0	13.3	13.4	0		

NO.	IC6001																			
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
)P 2	0	0	0.3	5.0	5.0	5.0	2.0	0	0	4.4	5.0	0	0	0	0	2.5	0	3.2	0	0
Y	0	0	0.3	5.0	5.0	5.0	2.0	0	3.9	3.7	5.0	0	0	0	0	2.5	3.2	3.2	4.8	0
	0	0	0.3	5.0	5.0	5.0	2.0	0	4.5	3.0	5.0	0	0	0	0	2.5	3.2	3.2	4.9	0
	0	0.5	0.5	4.7	5.0	5.0	2.0	0	0.1	5.0	5.0	0	0	0.1	0	2.5	3.2	3.2	1.8	0
V	0	0.5	0.5	4.7	5.0	5.0	2.0	0	0	5.0	5.0	0	0	0	0	2.5	3.2	3.2	2.6	0

NO.	IC6001																			
E	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
)P 2	5.0	5.0	0.1	2.4	1.7	2.5	2.4	2.4	0	2.5	2.4	2.6	4.9	0	0	0	2.5	2.5	0	2.4
Y	5.0	5.0	2.4	2.4	3.3	2.5	2.5	2.4	0	2.5	2.5	2.5	4.9	0	0	0	2.5	2.5	0	2.7
	5.0	5.0	2.5	2.4	0.9	2.4	2.4	2.4	0	2.5	0	2.6	4.9	2.3	2.7	0	2.5	2.5	0	0
	5.0	5.0	2.5	4.2	1.2	2.5	2.5	2.4	0	2.5	2.5	2.6	4.9	2.0	0	0	2.5	2.5	0	2.2
V	5.0	5.0	2.4	4.2	1.2	2.5	2.4	2.4	0	2.5	2.5	2.6	4.9	0	0	0	2.5	2.5	0	2.8

NO.	IC6001																			
E	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
)P 2	2.4	5.0	1.1	2.8	0	4.7	4.9	5.0	0	3.8	4.0	5.0	0	0	5.0	5.0	0	0	0	4.3
Y	2.4	5.0	1.3	2.4	2.9	4.7	5.0	5.0	0	3.8	4.4	5.0	0	0	5.0	5.0	0	0	0	5.0
	0	0	1.1	2.5	0	4.7	4.9	5.0	0	3.8	3.7	5.0	0	0	5.0	5.0	0	0	0	3.0
	2.4	5.0	4.9	0	0	4.4	5.0	5.0	0	2.2	3.9	5.0	0	0	5.0	5.0	0	0	0.1	0
V	2.4	5.0	4.9	0	0	4.4	5.0	5.0	0	2.7	4.4	5.0	0	0	5.0	5.0	0	0	0	0

NO.	IC6001																			
E	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
)P 2	5.0	2.0	4.2	4.2	0	0	0	0	0	0	0	0	0	4.9	4.9	4.9	5.0	0	5.0	0
Y	5.0	0	4.2	4.0	0	0	0	0	0	5.0	0	0	5.0	0	4.9	4.9	0	5.0	5.0	0
	5.0	0	4.2	0	0	5.0	4.9	4.9	4.9	5.0	0	0	5.0	0	4.9	4.9	5.0	0	5.0	0
	5.0	0	4.2	4.4	0	0	0	0	0	5.0	0	0	5.0	4.9	4.9	0	5.0	0	5.0	0
V	5.0	5.0	4.1	4.3	0	0	0	0	0	5.0	0	0	5.0	4.9	4.9	0	5.0	0	5.0	0

NO.	IC6001																			
E	81	82	83	84																
)P 2	0	–	–	4.2																
Y	0	–	–	4.2																
	0	–	–	4.2																
	0	–	–	4.8																
V	0	–	–	4.8																

NO.	IC6002																			
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
)P 2	0	5.0	5.0	5.0	0.5	5.0	5.0	0	0.3	5.0	0.3	5.0	0	5.0	0	5.0				
Y	0	5.0	5.0	5.0	0.5	5.0	5.0	0	0.3	5.0	0.3	5.0	0	4.7	0	5.0				
	0	5.0	5.0	5.0	0.5	5.0	5.0	0	0.3	5.0	0.3	5.0	0	4.7	0	5.0				
	0	0	2.3	5.0	0.5	5.0	5.0	0	1.7	5.0	0.5	4.7	1.5	4.7	5.0	5.0				
V	0	0	5.0	5.0	0.5	5.0	5.0	0	0.3	5.0	0.3	4.7	0.5	4.4	5.0	5.0				

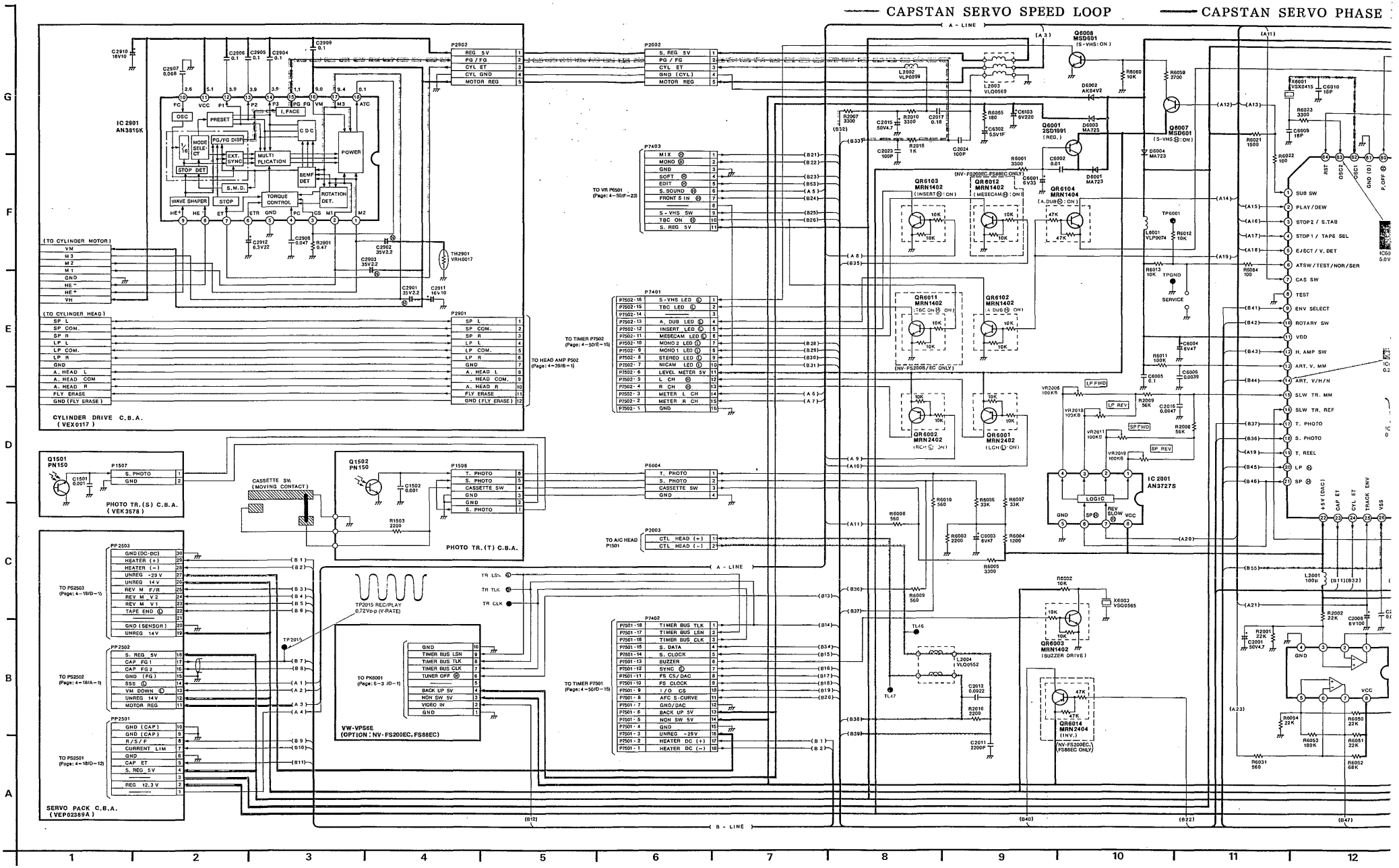
NO.	IC6003																			
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
)P 2	0	0.1	0	0	4.4	0	5.0	0	4.9	0	0	0.1	0.1	4.9	1.9	0	0.1	5.0		
Y	0	0.1	0	0	1.5	0	5.0	0	5.0	0	0	0.1	0.1	4.9	1.9	0	0.1	5.0		
	0	0.3	0	5.0	3.2	0	5.0	0	4.9	0.1	0	4.3	4.9	0	1.9	0	0.1	5.0		
	0	0.1	0	0	0	0	5.0	0	5.0	0	0	0.1	0.1	4.9	1.9	0	0	5.0		
V	0	0.1	0	0	0	0	5.0	0	5.0	0	0	0.1	0.1	4.9	1.9	3.9	3.8	5.0		

NO.	IC6004																			
E	1	2	3																	
)P 2	4.2	4.8	0																	
Y	4.2	4.8	0																	
	4.2	4.8	0																	
	4.2	4.8	0																	
V	4.2	4.8	0																	

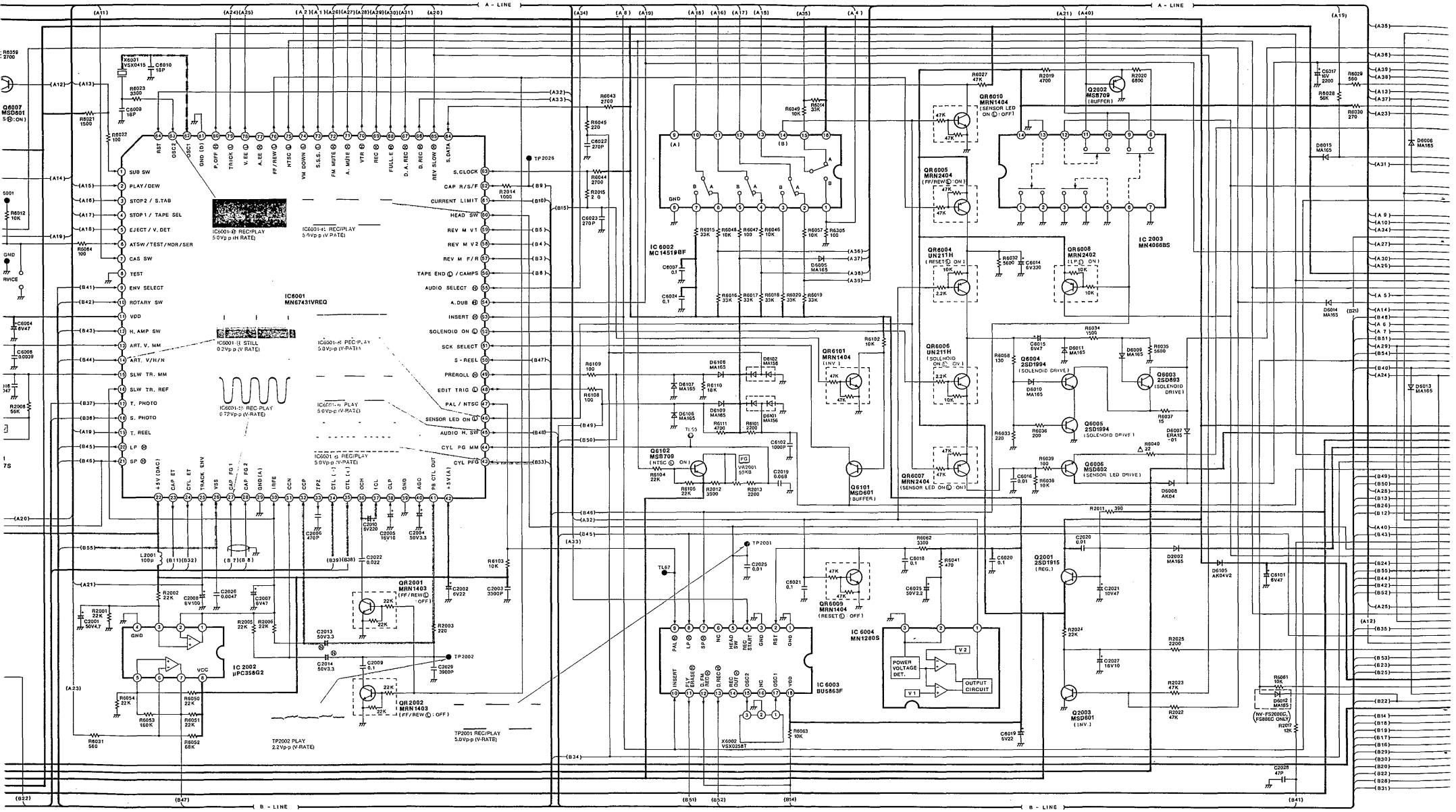
SYSTEM CONTROL & SERVO TRANSISTORs DC VOLTAGE CHART (SP MODE)

REF. NO.	Q2001			Q2002			Q2003			Q6001			Q6003			Q6004		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 2	5.0	5.3	5.7	1.7	0	1.0	0	5.0	0	4.9	5.0	5.7	13.4	13.4	5.0	0.7	13.4	0.8
PLAY	5.0	5.3	5.7	3.3	0	2.7	0	0	0.6	4.9	5.0	5.7	13.4	13.4	4.9	0.3	13.4	0.4
REC	5.0	5.3	5.7	0.9	0	0.2	0	0	0.6	4.9	5.0	5.7	13.4	13.4	5.6	0.7	13.4	0.9
F.F.	5.0	5.3	5.7	1.3	0	0.6	0	0	0.6	4.9	5.0	5.7	13.3	13.3	4.9	0.7	13.3	0.8
REW	5.0	5.3	5.7	1.3	0	0.6	0	0	0.6	4.9	5.0	5.7	13.3	13.3	4.9	0.6	13.4	0.7
REF. NO.	Q6005			Q6006			Q6007			Q6008			Q6101			Q6102		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 2	−0.1	0.2	−0.1	0.4	13.4	0.3	4.2	4.9	4.8	0.7	0	0	4.3	4.8	0.3	5.0	4.6	4.9
PLAY	0	0.2	0	0.5	13.4	0.3	4.2	4.9	4.8	0	0	0.7	4.3	4.8	0.3	5.0	4.7	4.9
REC	0	1.3	0	0.5	13.4	0.3	4.2	4.9	4.8	0	0	0.7	4.5	4.8	0.3	5.0	4.7	4.9
F.F.	0	0.3	0	0.6	13.4	0.3	4.2	4.9	4.8	0	0	0.7	4.2	4.7	0.3	5.0	4.3	4.9
REW	0	0.7	0	0.7	13.4	0.6	4.2	4.9	4.8	0	0	0.7	3.7	4.7	0.2	5.0	4.3	4.9
REF. NO.	QR2001			QR2002			QR6001			QR6002			QR6003			QR6004		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 2	0	0	4.9	0	0	4.9	4.9	4.9	0	4.9	4.9	0	0	0	4.8	1.4	0.1	4.2
PLAY	0	0	4.9	0	0	4.9	4.9	4.9	0	4.9	4.9	0	0	0	4.8	1.4	0	4.2
REC	0	0	4.9	0	0	4.9	4.9	4.9	0	4.9	4.9	0	0	0	4.8	1.4	0	4.2
F.F.	0	0	0	0	1.0	0	4.9	4.9	0	4.9	4.9	0	0	0	4.8	4.9	0	4.8
REW	0	0	0	0	0.9	0	4.9	4.9	0	4.9	4.9	0	0	0	4.8	4.9	0	4.8
REF. NO.	QR6005			QR6006			QR6007			QR6008			QR6009			QR6010		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 2	5.0	1.4	4.9	5.0	−0.1	5.0	5.0	0.1	4.7	5.0	0.3	5.0	0	0.1	4.2	0	0.3	5.0
PLAY	5.0	1.4	4.9	5.0	0	5.0	5.0	0.3	4.7	5.0	0.3	5.0	0	0.1	4.2	0	0.3	4.7
REC	5.0	1.4	4.9	5.0	0	5.0	5.0	0.3	4.7	5.0	0.3	5.0	0	0.1	4.2	0	0.3	4.7
F.F.	5.0	4.9	0	5.0	0	5.0	5.0	0.6	4.4	5.0	0.3	5.0	0	0.1	4.8	0	0.3	4.4
REW	5.0	4.9	0	5.0	0	5.0	5.0	0.6	4.4	5.0	0.3	5.0	0	0.1	4.8	0	0.5	4.4
REF. NO.	QR6011			QR6012			QR6014			QR6101			QR6102			QR6103		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 2	0	3.5	0	0	3.4	0.4	5.0	4.4	4.9	0	0.2	4.1	0	3.4	0	0	3.4	0
PLAY	0	3.5	0	0	3.7	0.4	5.0	4.4	4.9	0	0.2	4.1	0	3.4	0	0	3.4	0
REC	0	3.5	0	0	3.4	0.4	5.0	4.4	4.9	0	0.3	4.1	0	3.4	0	0	3.4	0
F.F.	0	3.5	0	0	3.4	0.4	5.0	4.4	4.9	0	0	4.2	0	3.3	0	0	3.3	0
REW	0	3.5	0	0	3.4	0.4	5.0	4.4	4.9	0	0.3	4.2	0	3.3	0	0	3.3	0
REF. NO.	QR6104																	
MODE	E	C	B															
STOP 2	0	4.6	0															
PLAY	5.0	4.4	0															
REC	5.0	4.5	0															
F.F.	4.9	4.4	0															
REW	4.9	4.3	0															

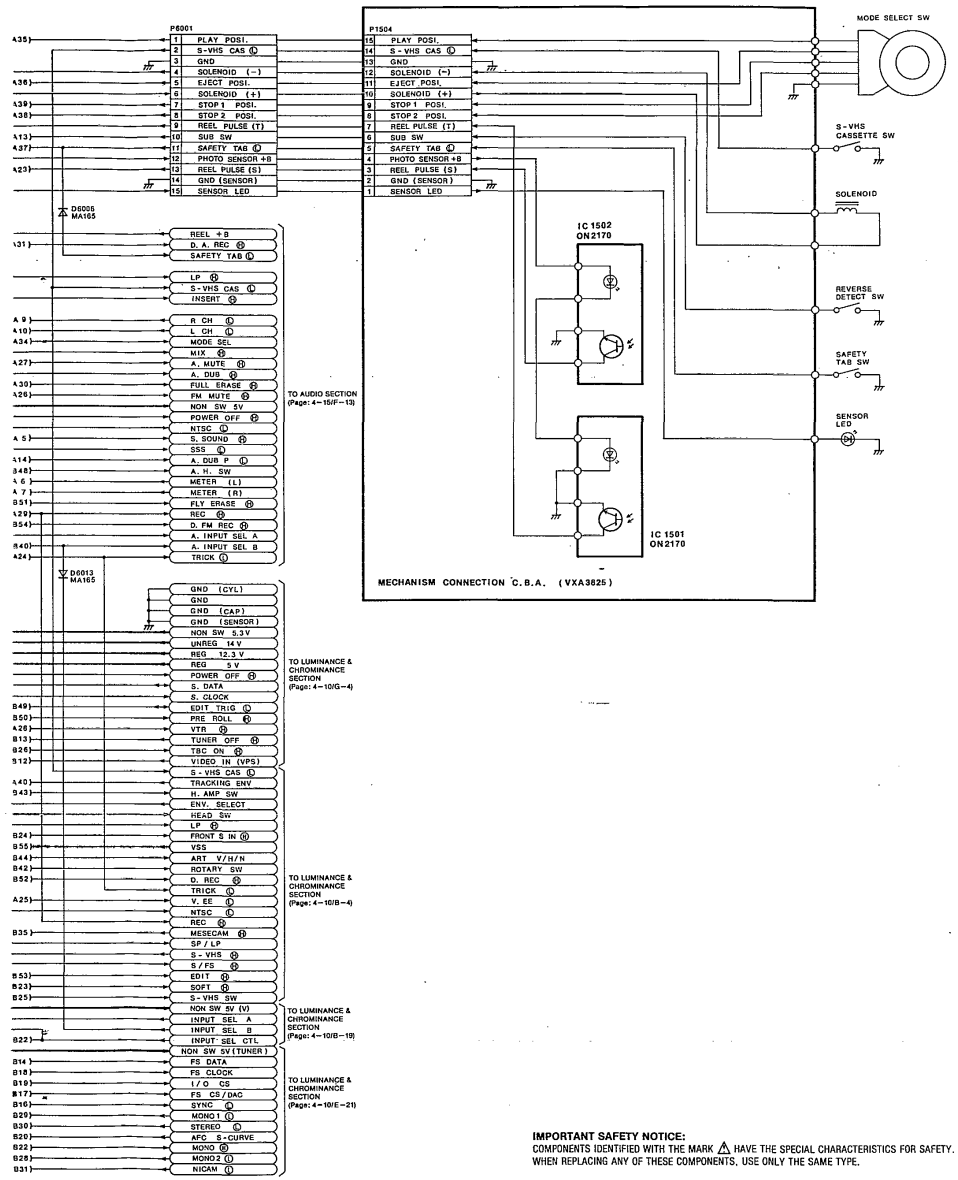
4-2. SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM



CAPSTAN SERVO PHASE LOOP — — — CYLINDER SERVO SPEED LOOP — — — CYLINDER SERVO PHASE LOOP



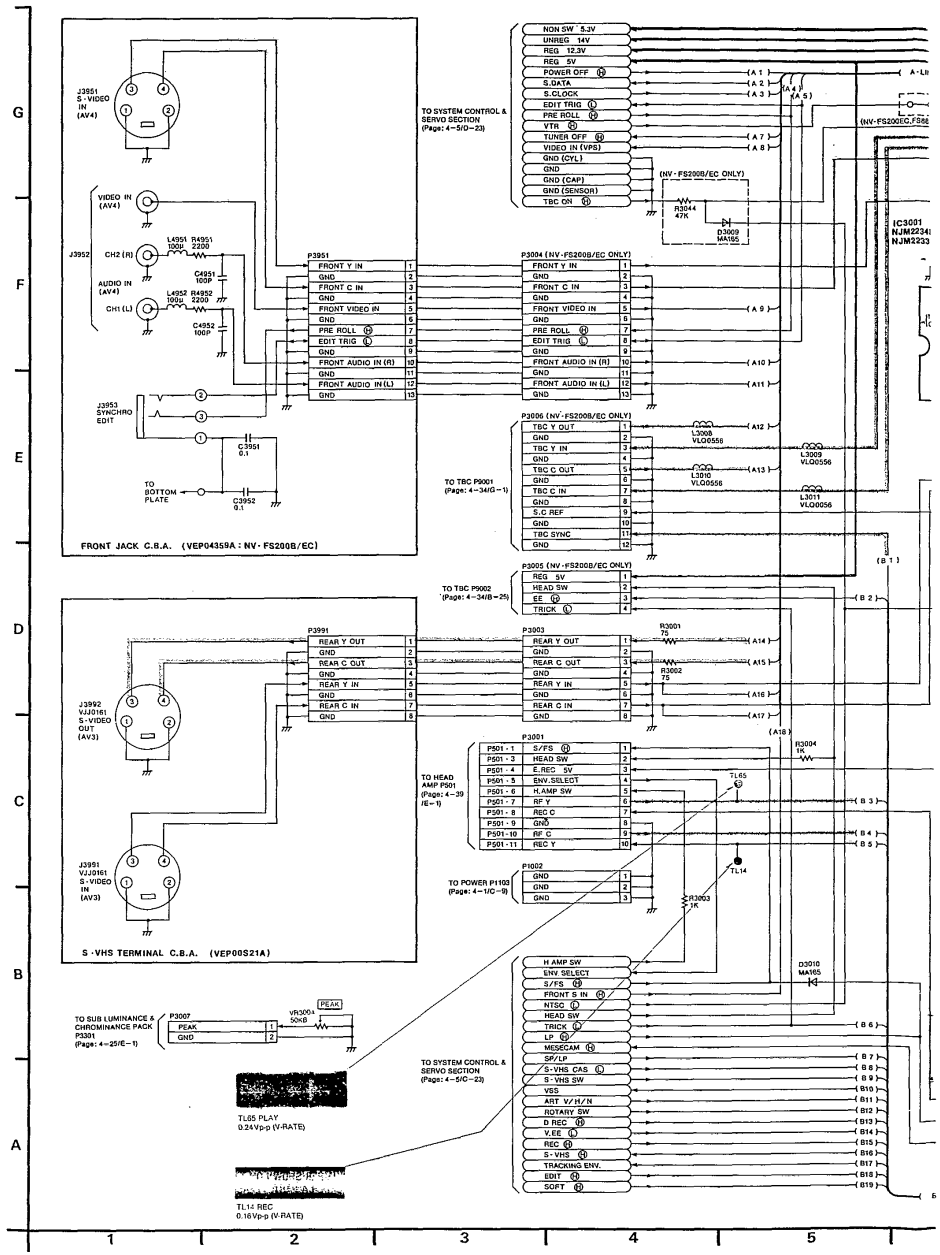
4—7 4—8



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

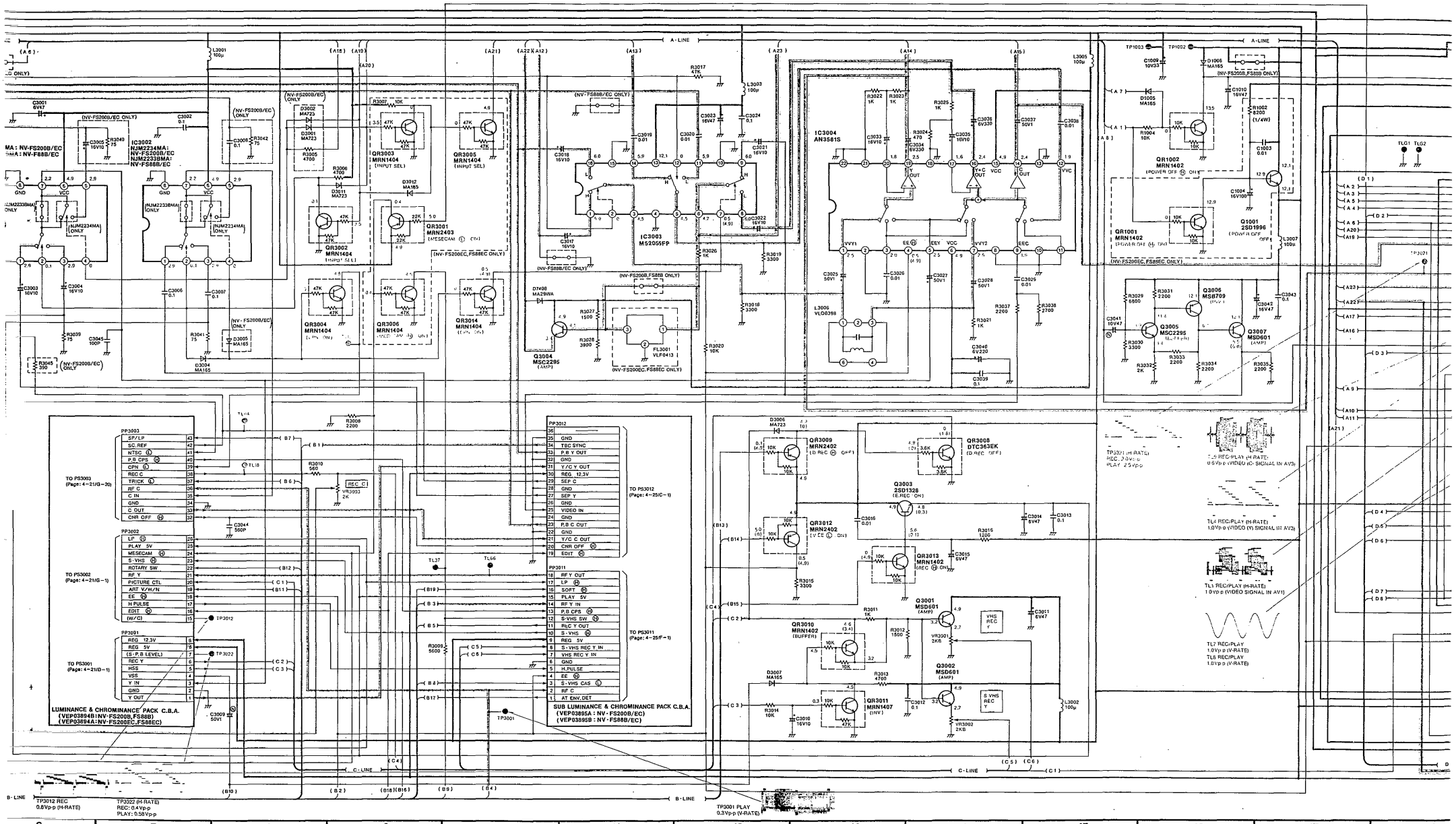
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

4-3. LUMINANCE & CHROMINANCE SECTION IN MAIN SCHEMATI(

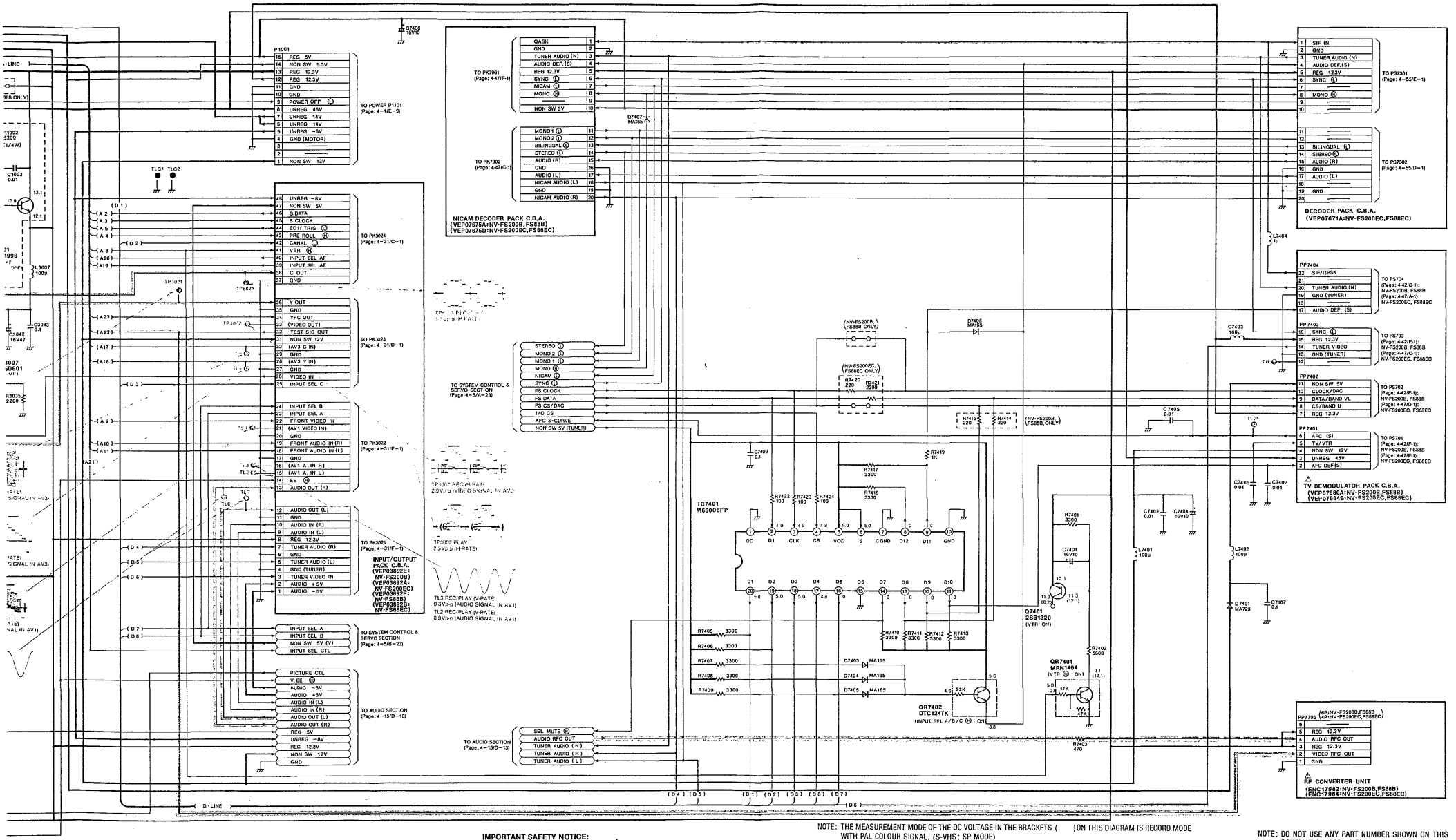


C DIAGRAM

VIDEO MAIN SIGNAL PA
VIDEO MAIN SIGNAL PA



VIDEO MAIN SIGNAL PATH IN REC MODE
VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
AUDIO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE


P1001
TO POWER P1101 (Page: 4–1/E–2)
TO PK3024 (Page: 4–31/C–1)
TO PK3023 (Page: 4–31/D–1)
TO PK3022 (Page: 4–31/E–1)
TO PK3021 (Page: 4–31/F–1)
INPUT/OUTPUT PACK C.B.A. (VEP03892E: NV-FS200B) (VEP03892A: NV-FS200EC) (VEP03892F: NV-FS88B) (VEP03892B: NV-FS88EC)
TO SYSTEM CONTROL & SERVO SECTION (Page: 4–5/B–23)
TO AUDIO SECTION (Page: 4–15/D–13)
TO PK7901 (Page: 4-47/F-1)
TO PK7902 (Page: 4-47/C-1)
NICAM DECODER PACK C.B.A. (VEP07675A:NV-FS200B,FS88B) (VEP07675D:NV-FS200EC,FS88EC)
TO SYSTEM CONTROL & SERVO SECTION (Page:4–5/A–23)
IC7401 M66006FP
Q7401 2SB1320 (VTR ON)
QR7401 MRN1404 (VTR ON)
QR7402 DTC124TK (INPUT SEL A/B/C ON)
TO PS7301 (Page: 4–55/E–1)
TO PS7302 (Page: 4–55/D–1)
DECODER PACK C.B.A. (VEP07671A:NV-FS200EC,FS88EC)
TO PS704 (Page: 4-42/D-1): NV-FS200B, FS88B (Page: 4-47/A-1): NV-FS200EC, FS88EC
TO PS703 (Page: 4-42/E-1): NV-FS200B, FS88B (Page: 4-47/C-1): NV-FS200EC, FS88EC
TO PS702 (Page: 4-42/F-1): NV-FS200B, FS88B (Page: 4-47/D-1): NV-FS200EC, FS88EC
TO PS701 (Page: 4-42/F-1): NV-FS200B, FS88B (Page: 4-47/E-1): NV-FS200EC, FS88EC
TV DEMODULATOR PACK C.B.A. (VEP07680A:NV-FS200B,FS88B) (VEP07684B:NV-FS200EC,FS88EC)
RF CONVERTER UNIT (ENC17982:NV-FS200B,FS88B) (ENC17984:NV-FS200EC,FS88EC)
D-LINE

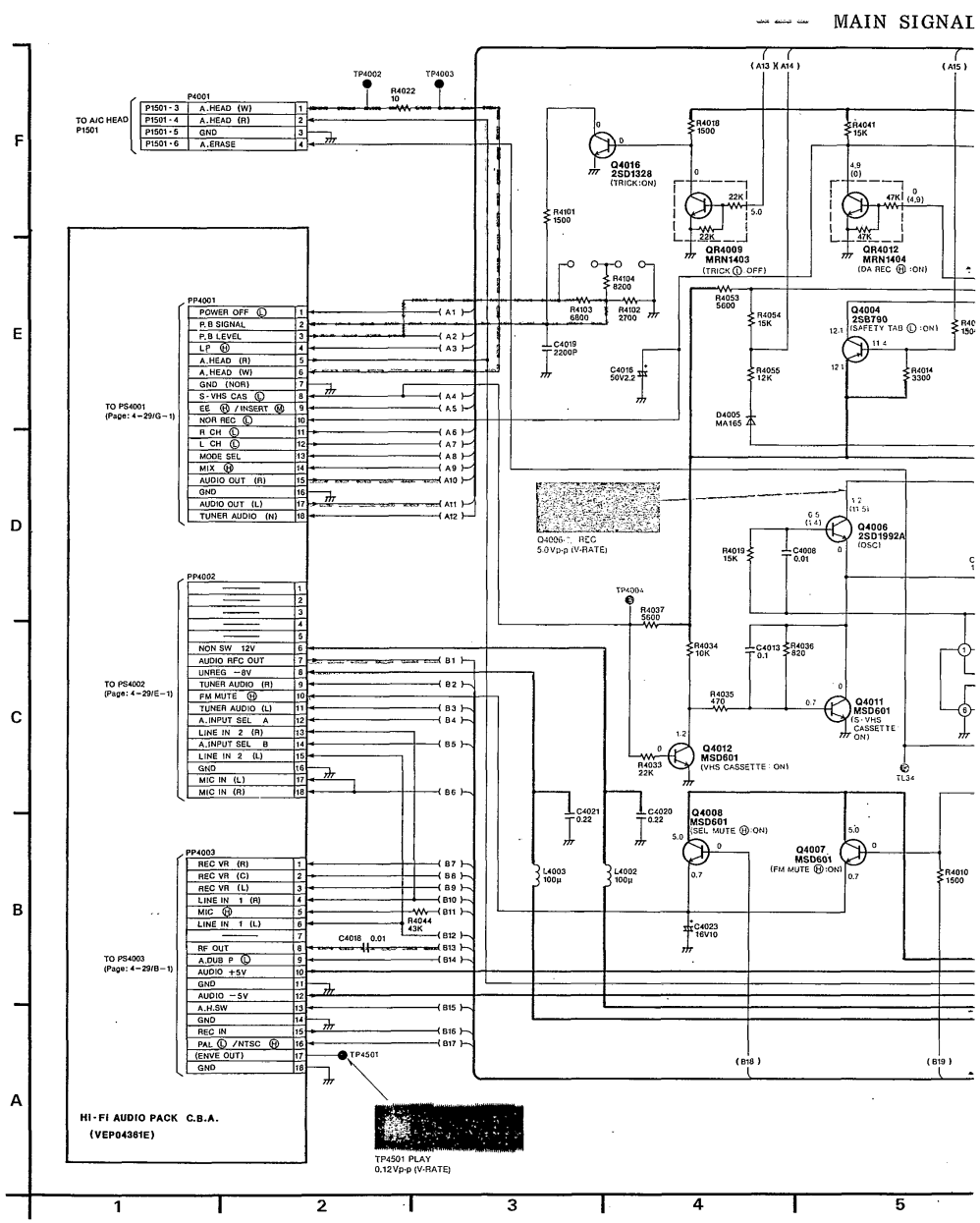
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( )ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

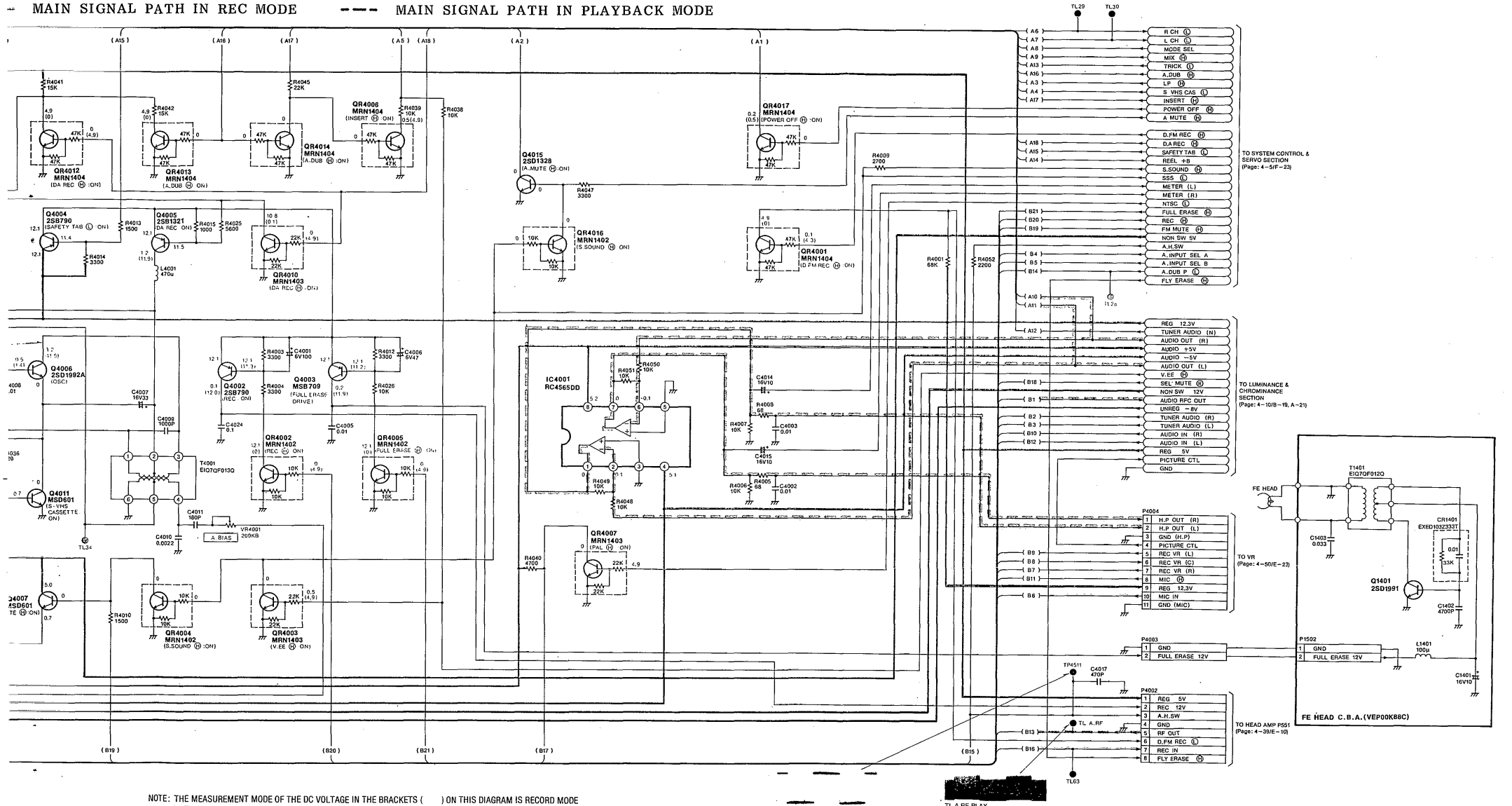
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

17 18 19 20 21 22 23 24 25 26 27 28

4-4. AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM



MAIN SIGNAL PATH IN REC MODE ---- MAIN SIGNAL PATH IN PLAYBACK MODE

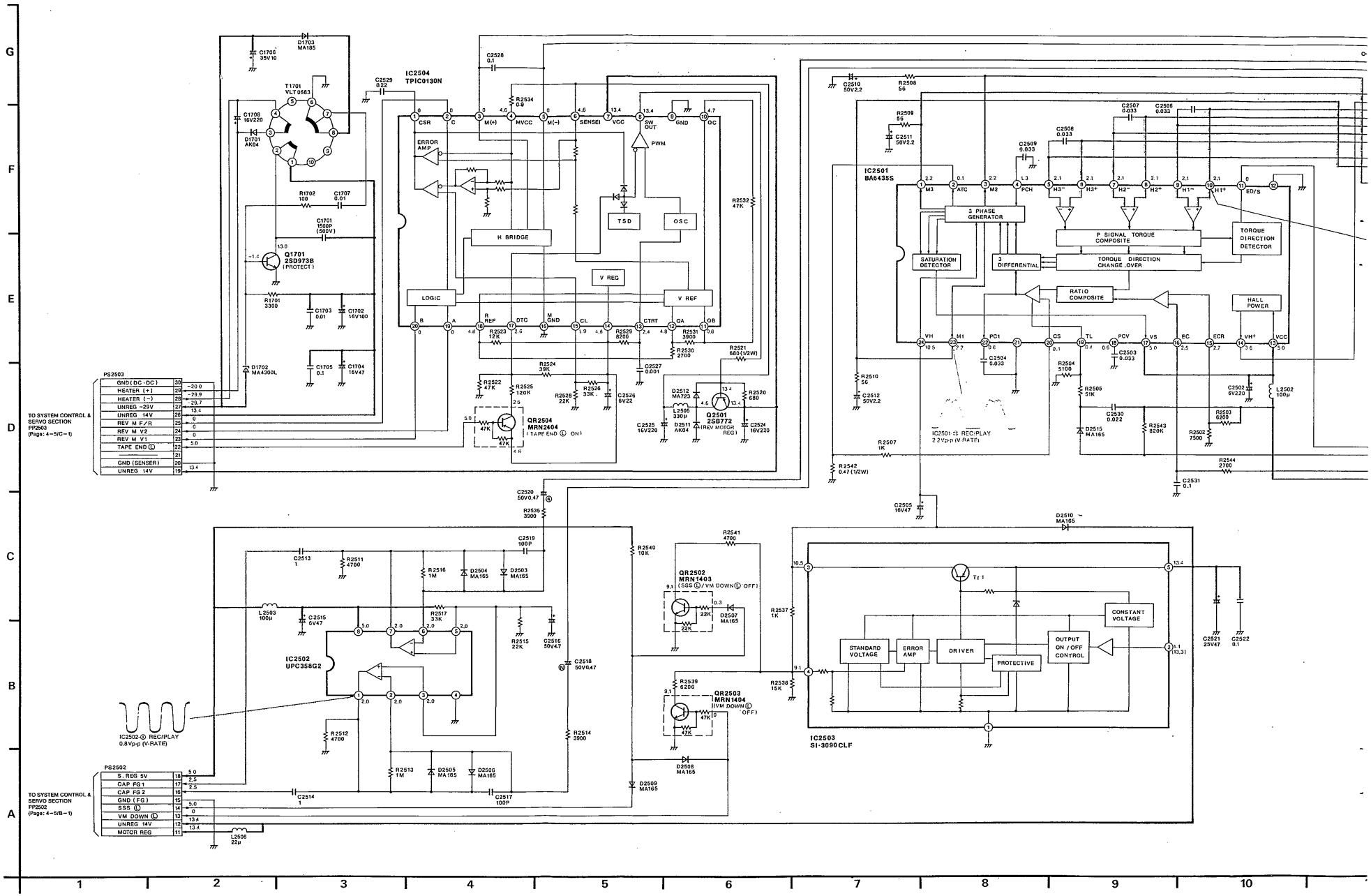


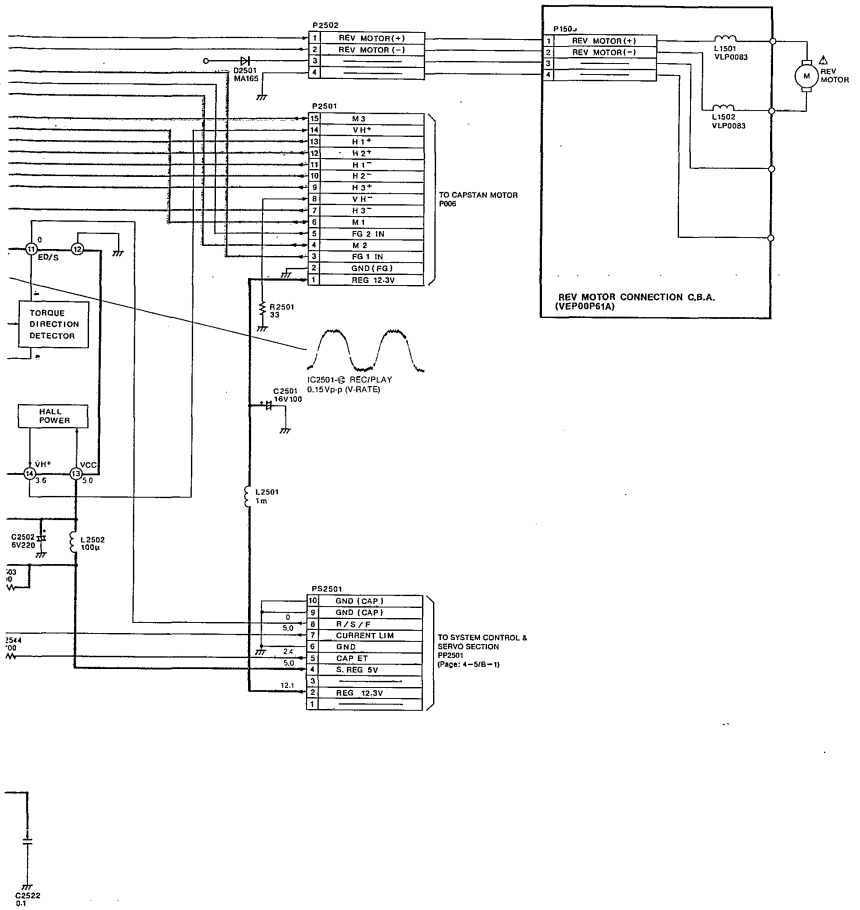
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE) • LINE IN SIGNAL LEVEL....−10dB 1kHz
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

4-5. SERVO PACK SCHEMATIC DIAGRAM

CAPSTAN SERVO SPEED LOOP





NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

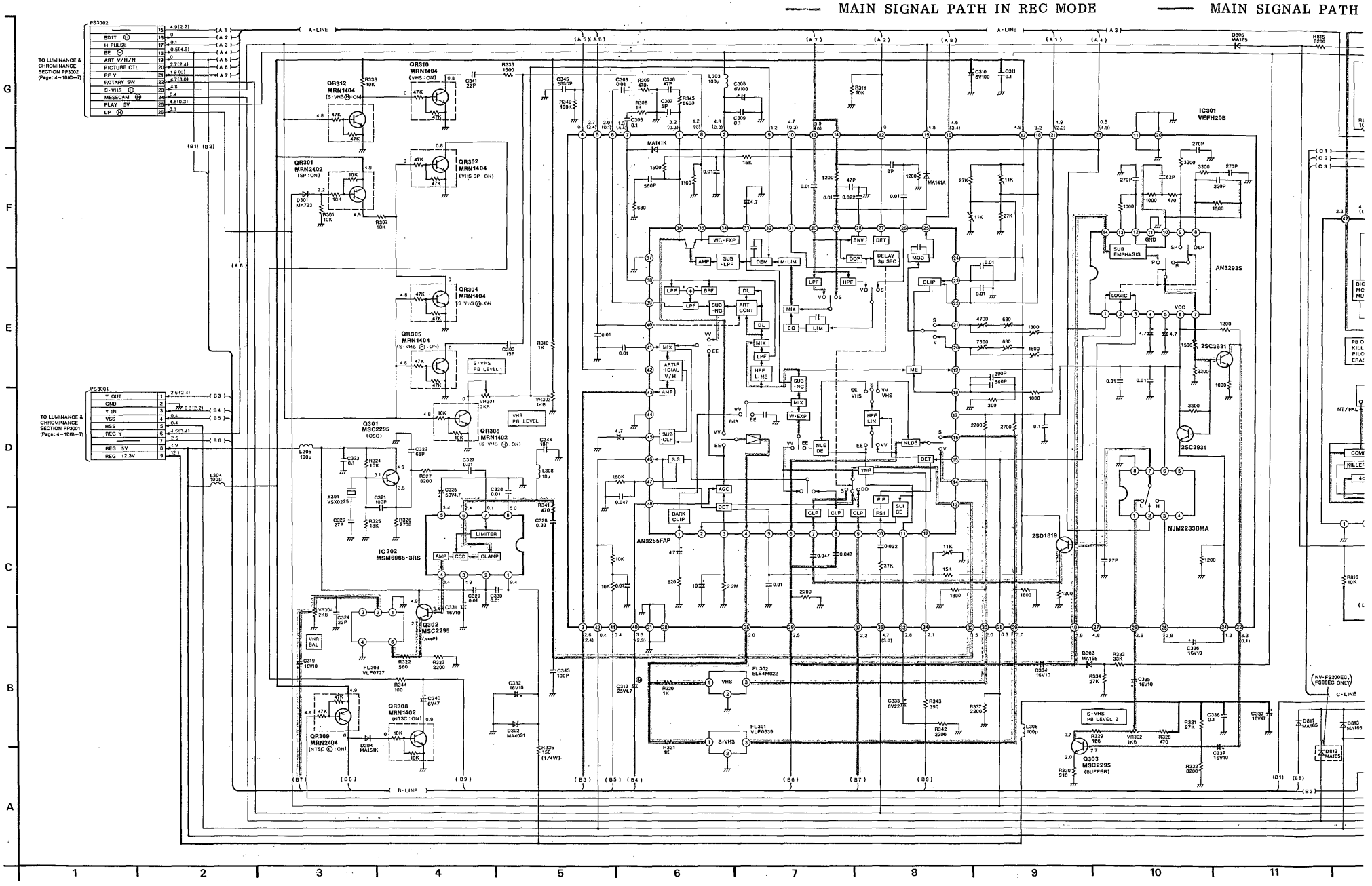
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

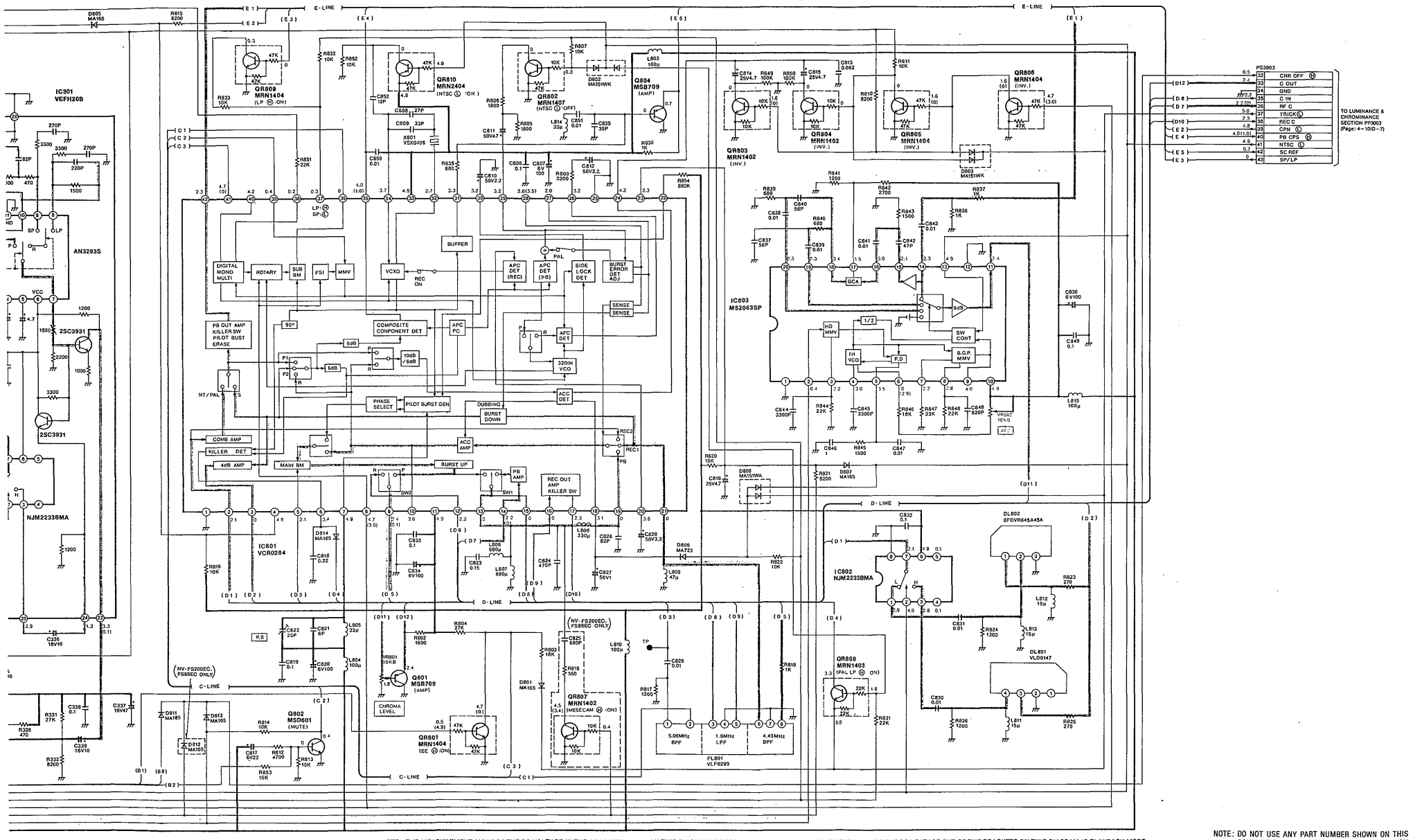
10 11 12 13 14

4-6. LUMINANCE & CHROMINANCE PACK SCHEMATIC DIAGRAM

MAIN SIGNAL PATH IN REC MODE — MAIN SIGNAL PATH



MAIN SIGNAL PATH IN PLAYBACK MODE



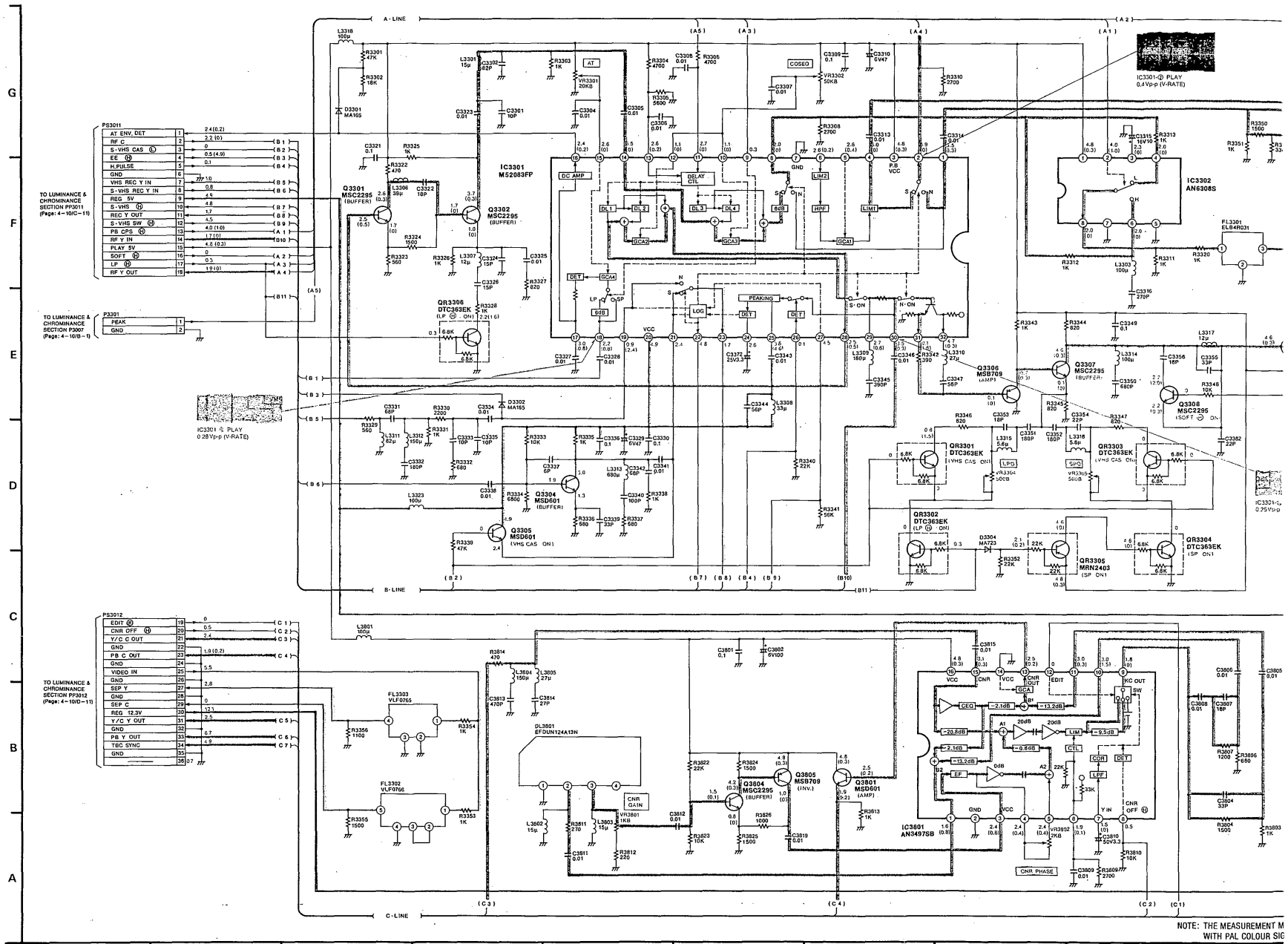
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

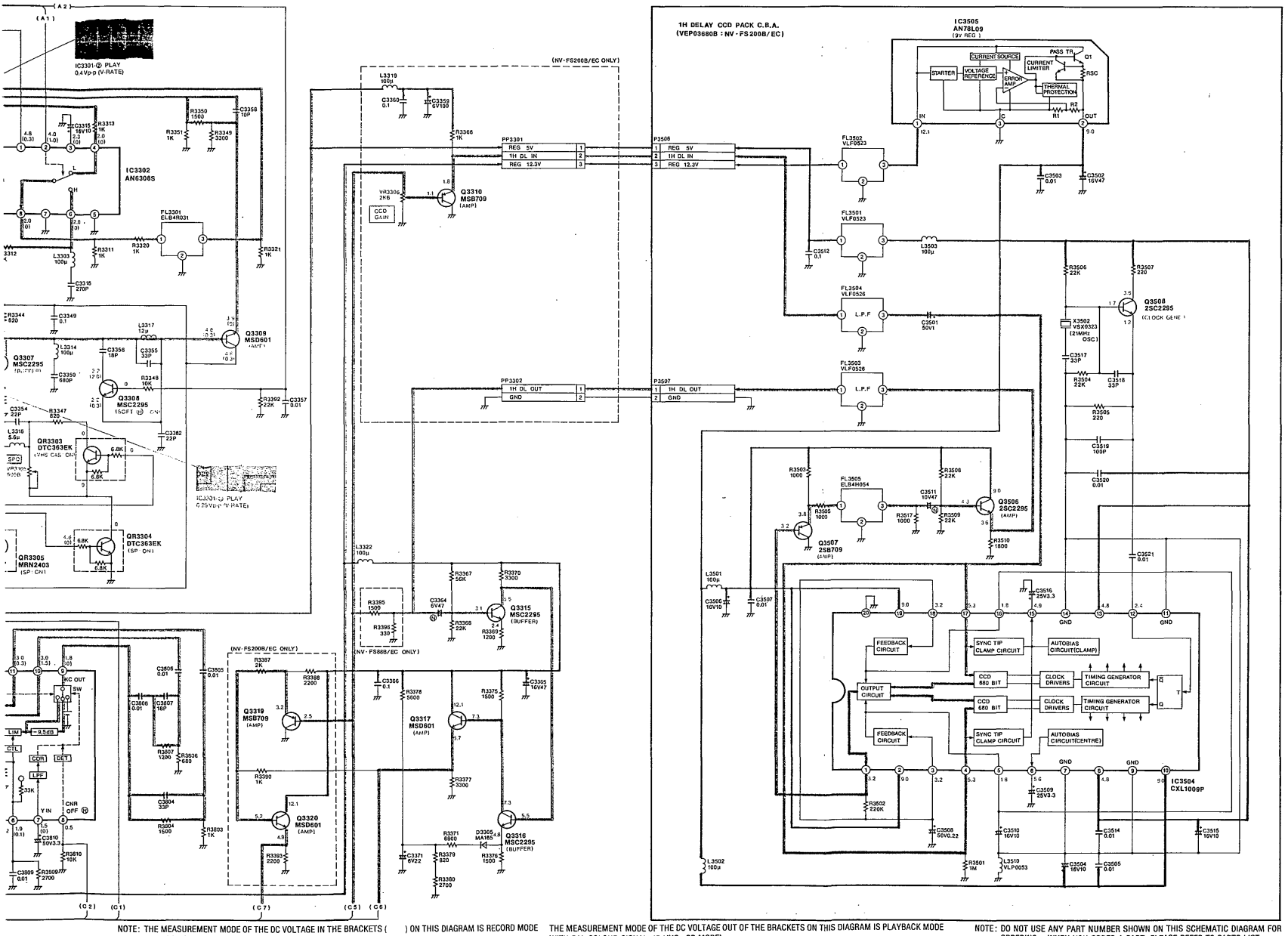
10 11 12 13 14 15 16 17 18 19 20 21

4-7. SUB LUMINANCE & CHROMINANCE PACK SCHEMATIC DIAGRAM



MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL PATH IN PLAYBACK MODE

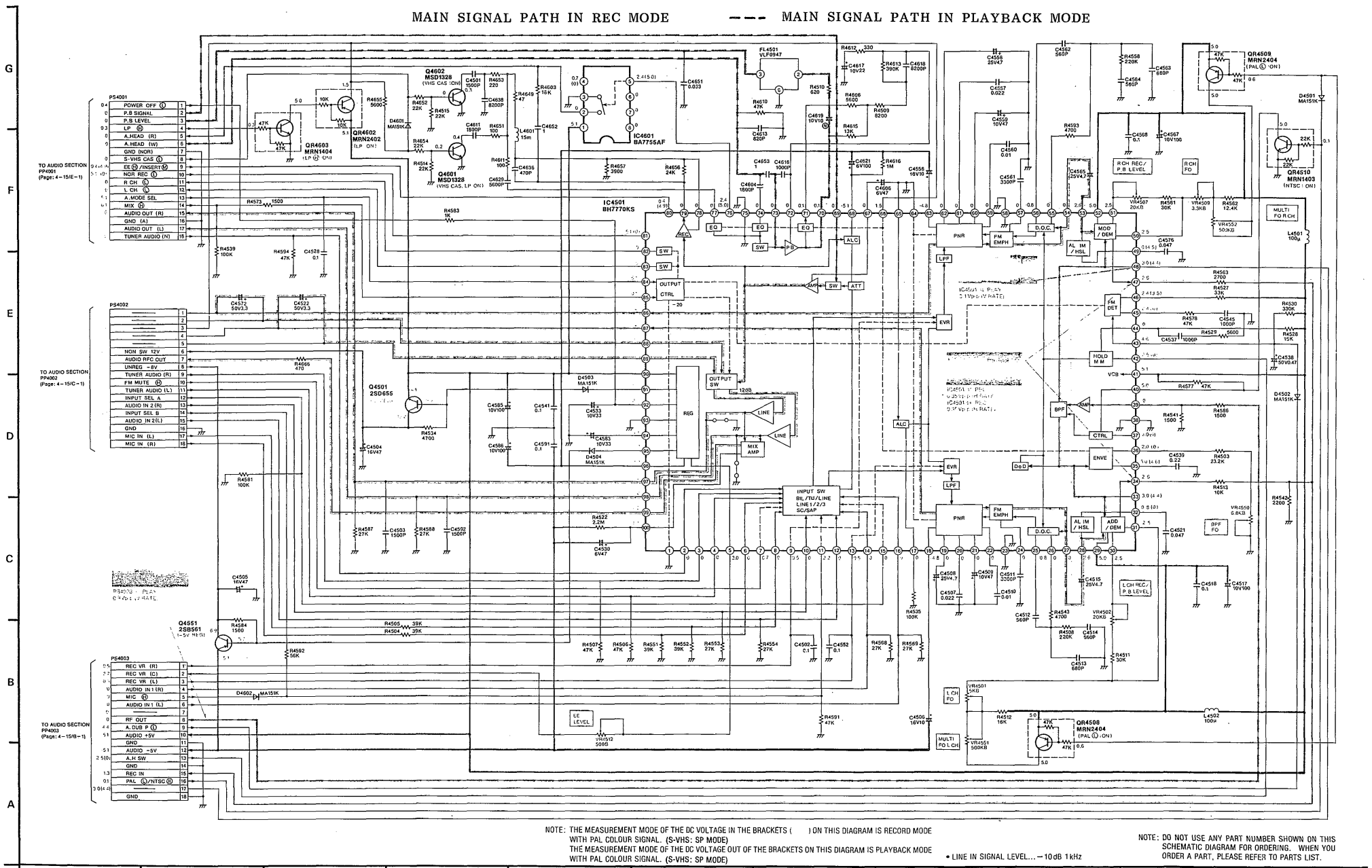


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

4-8. Hi-Fi AUDIO PACK SCHEMATIC DIAGRAM

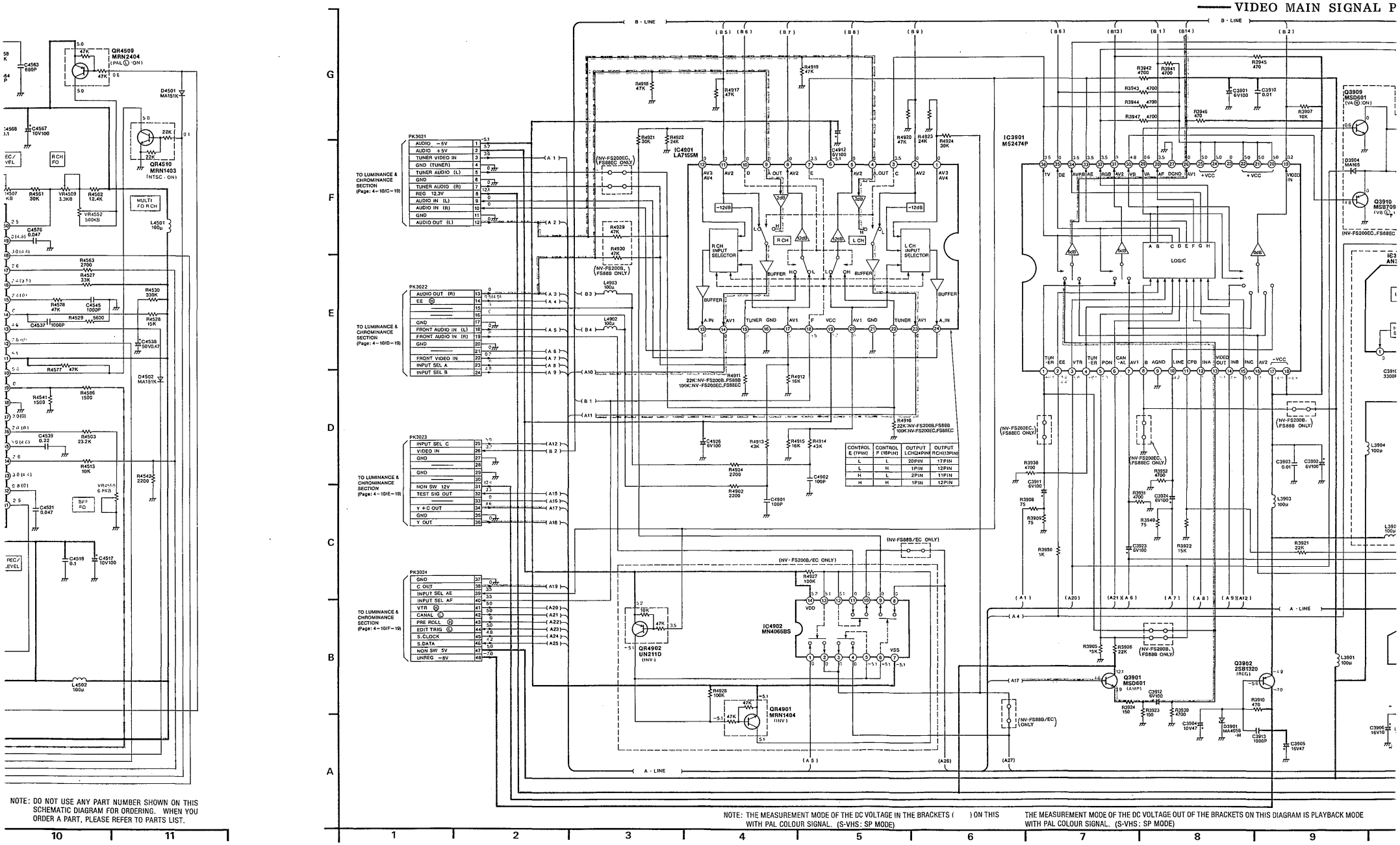


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

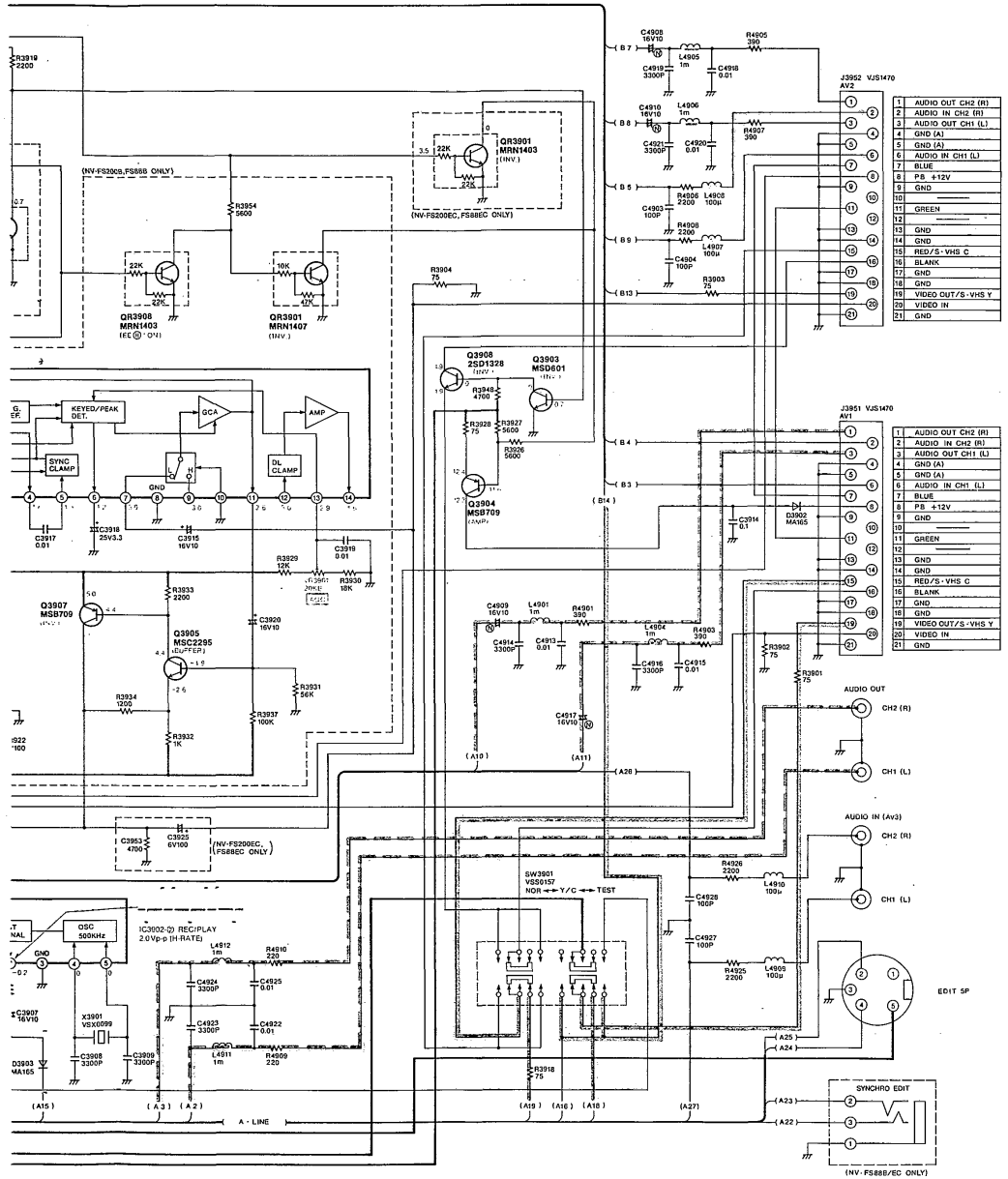
* LINE IN SIGNAL LEVEL.... -10dB 1kHz

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

4-9. INPUT/OUTPUT PACK SCHEMATIC DIAGRAM

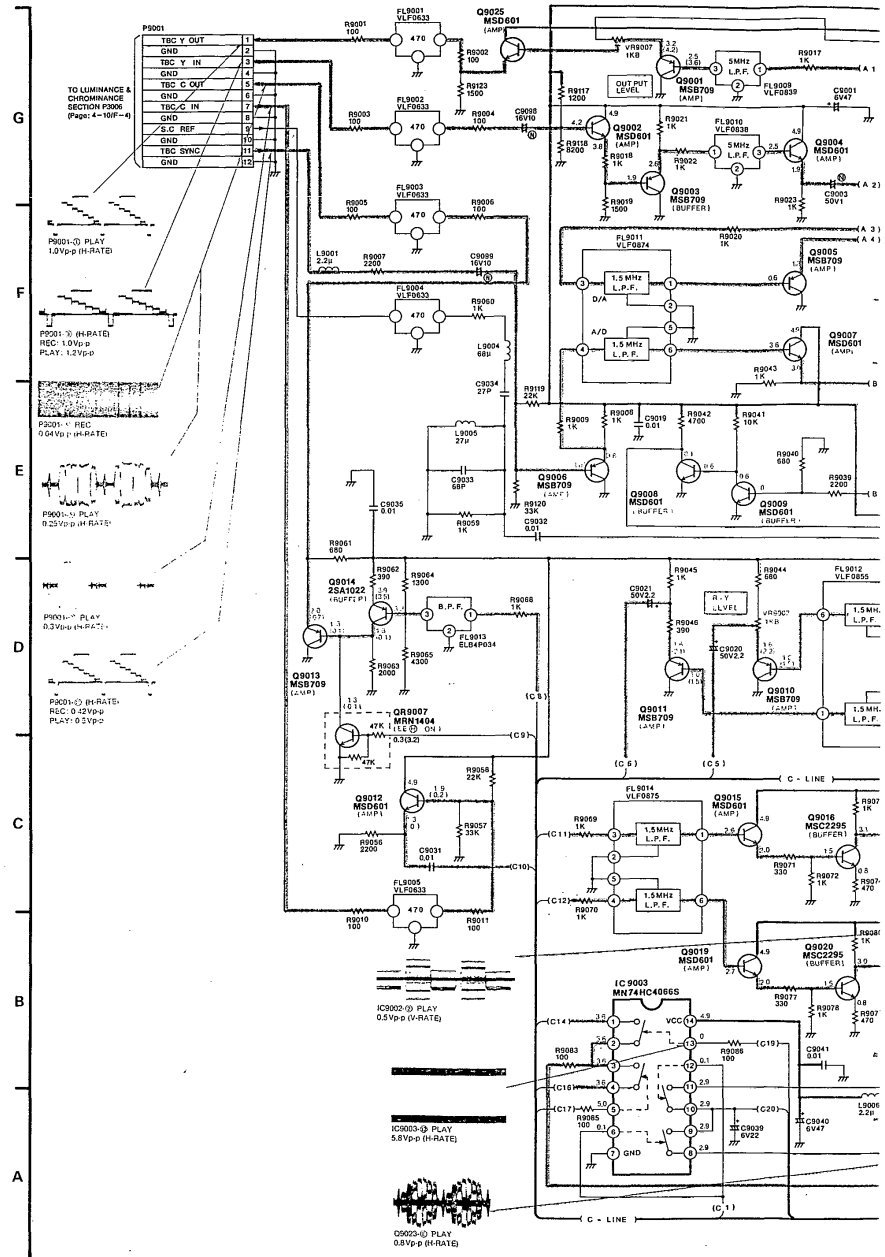


IN REC MODE — — — AUDIO MAIN SIGNAL PATH IN REC MODE
IN PLAYBACK MODE — — — AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



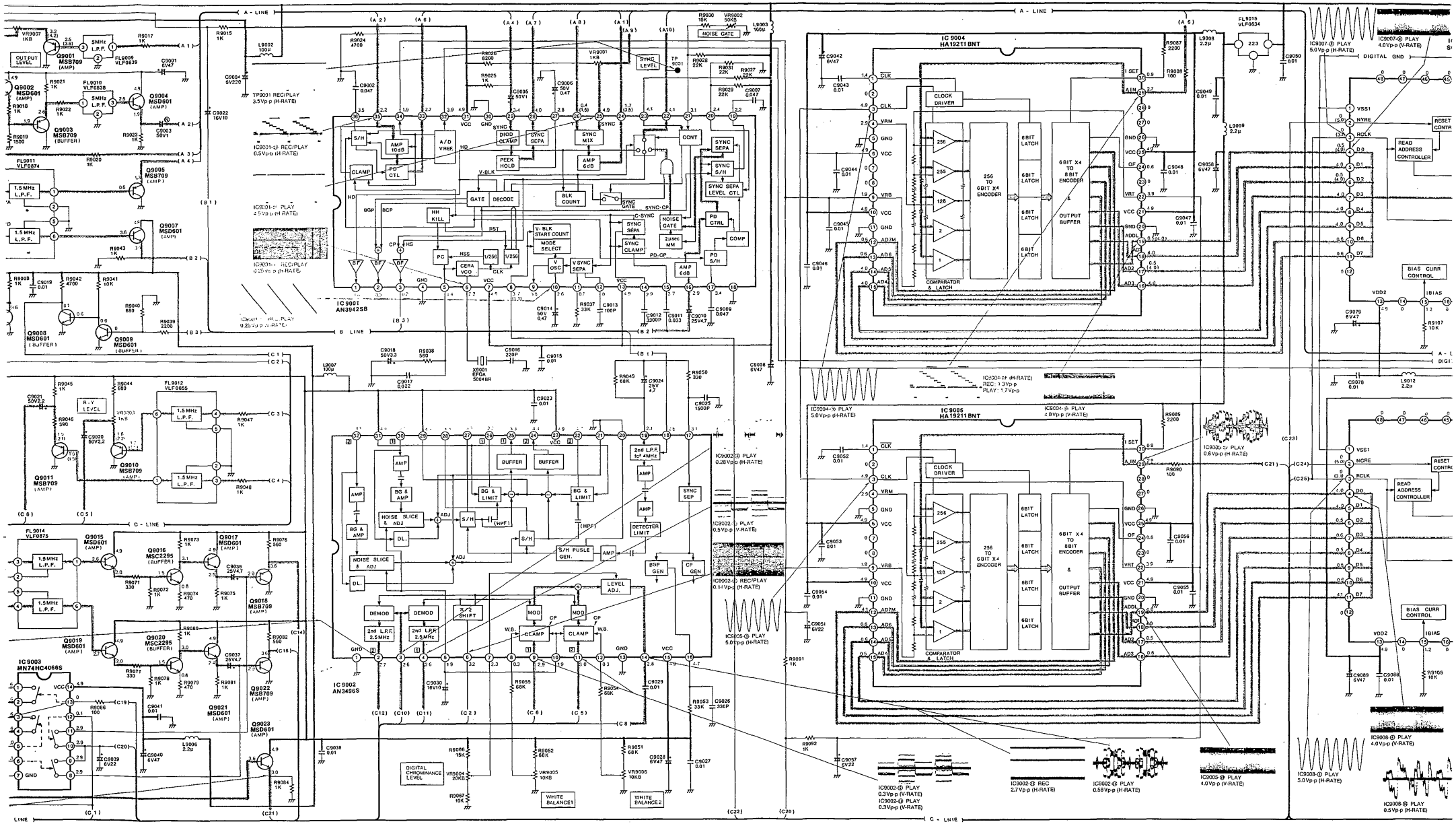
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

4-10. TBC SCHEMATIC DIAGRAM (NV-FS200B/EC)



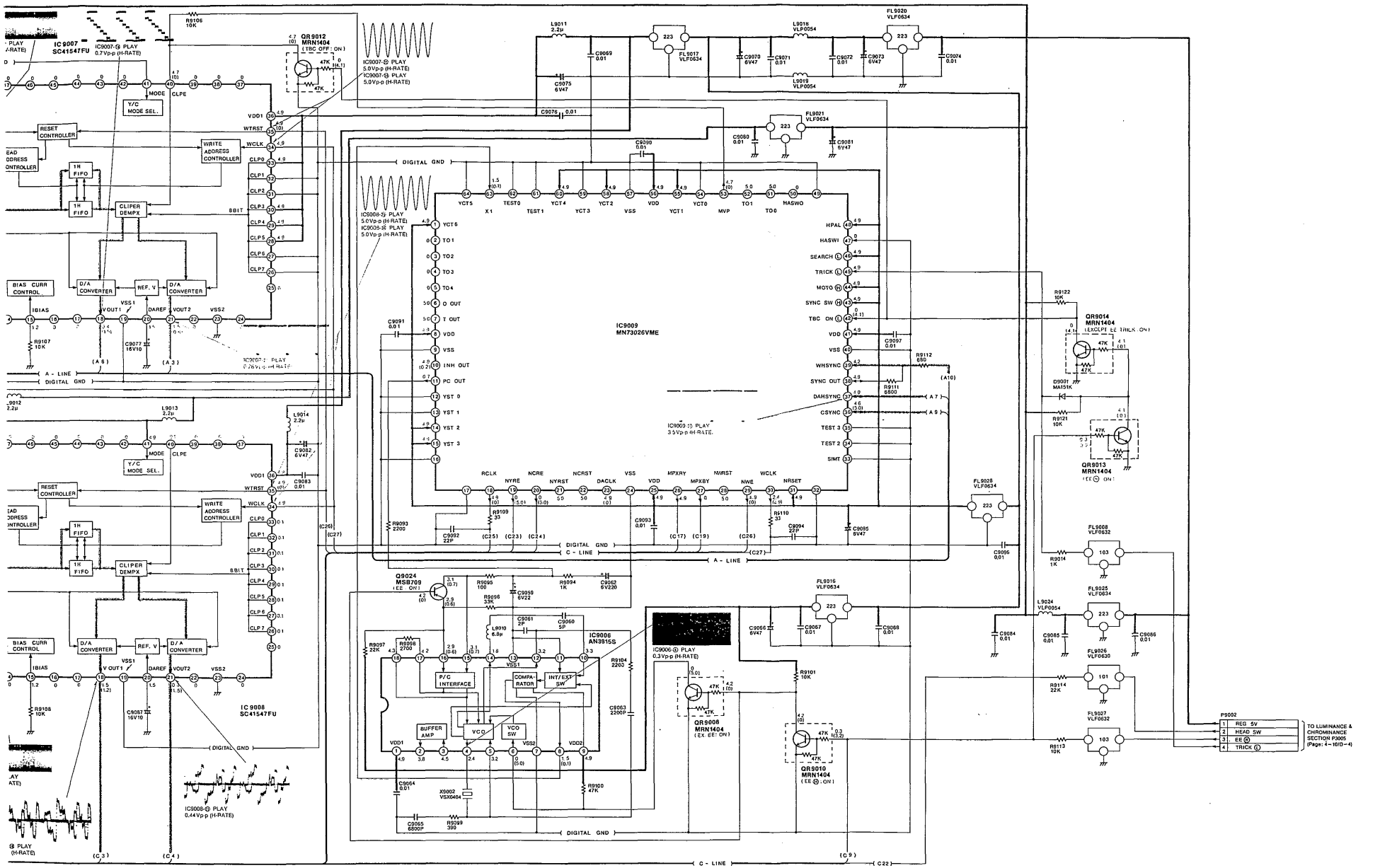
)B/EC)

MAIN SIGNAL PATH IN PLAYBACK MODE



4 5 6 7 8 9 10 11 12 13 14 15

4—35 4—36

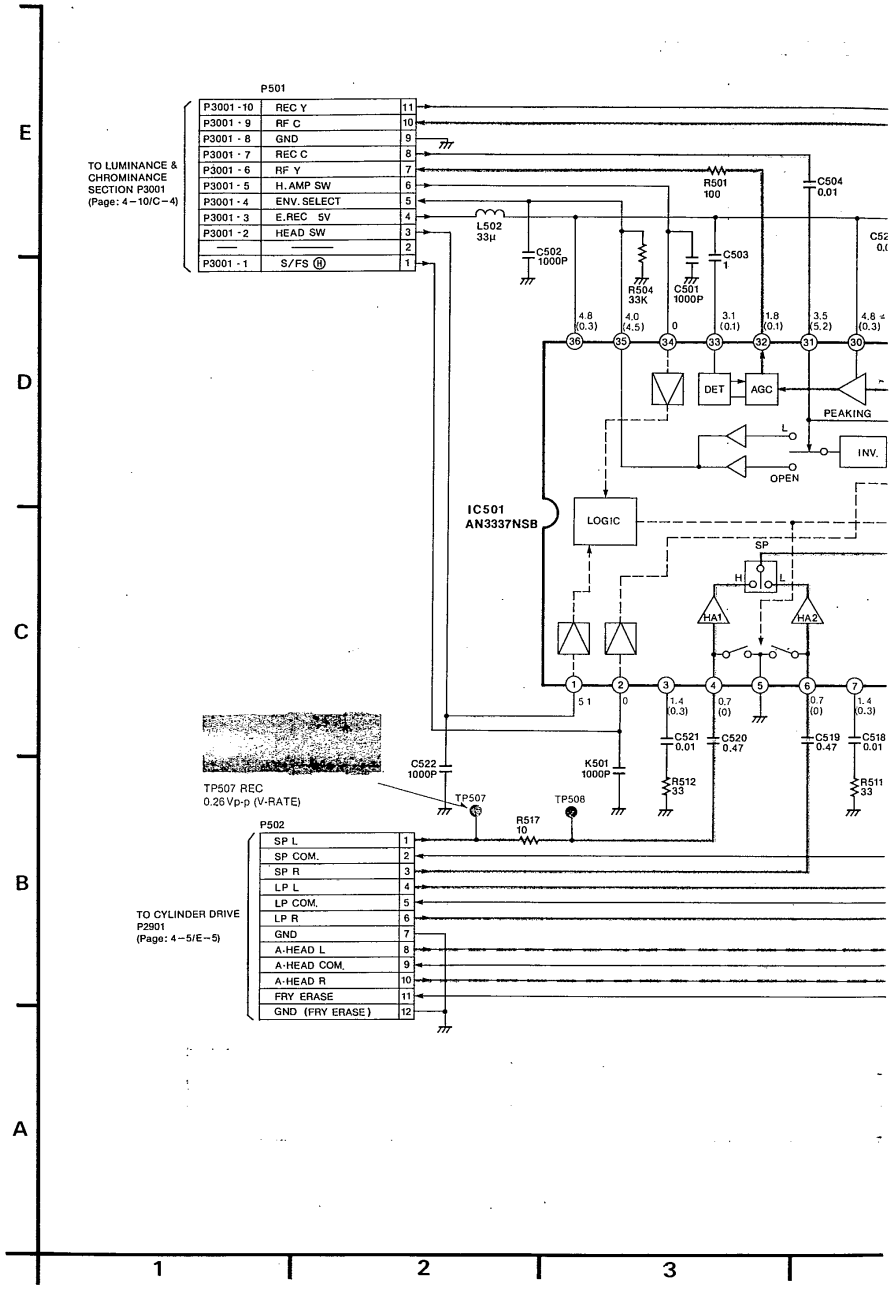


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE) (TBC SW, ON)

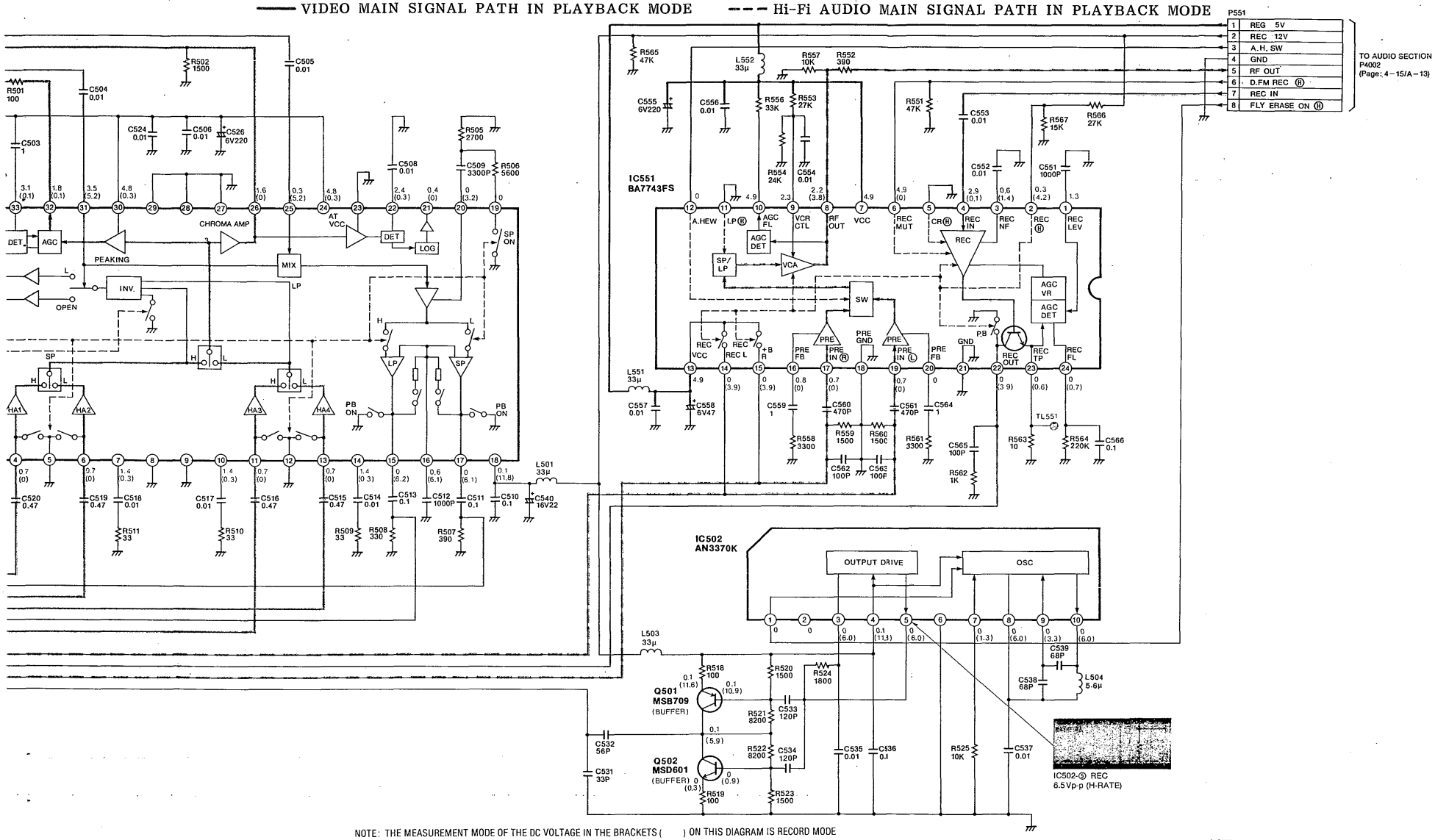
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE) (TBC SW, ON)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

4-11. HEAD AMP SCHEMATIC DIAGRAM



——— VIDEO MAIN SIGNAL PATH IN REC MODE
——— VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
– – – Hi-Fi AUDIO MAIN SIGNAL PATH IN REC MODE
– – – Hi-Fi AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

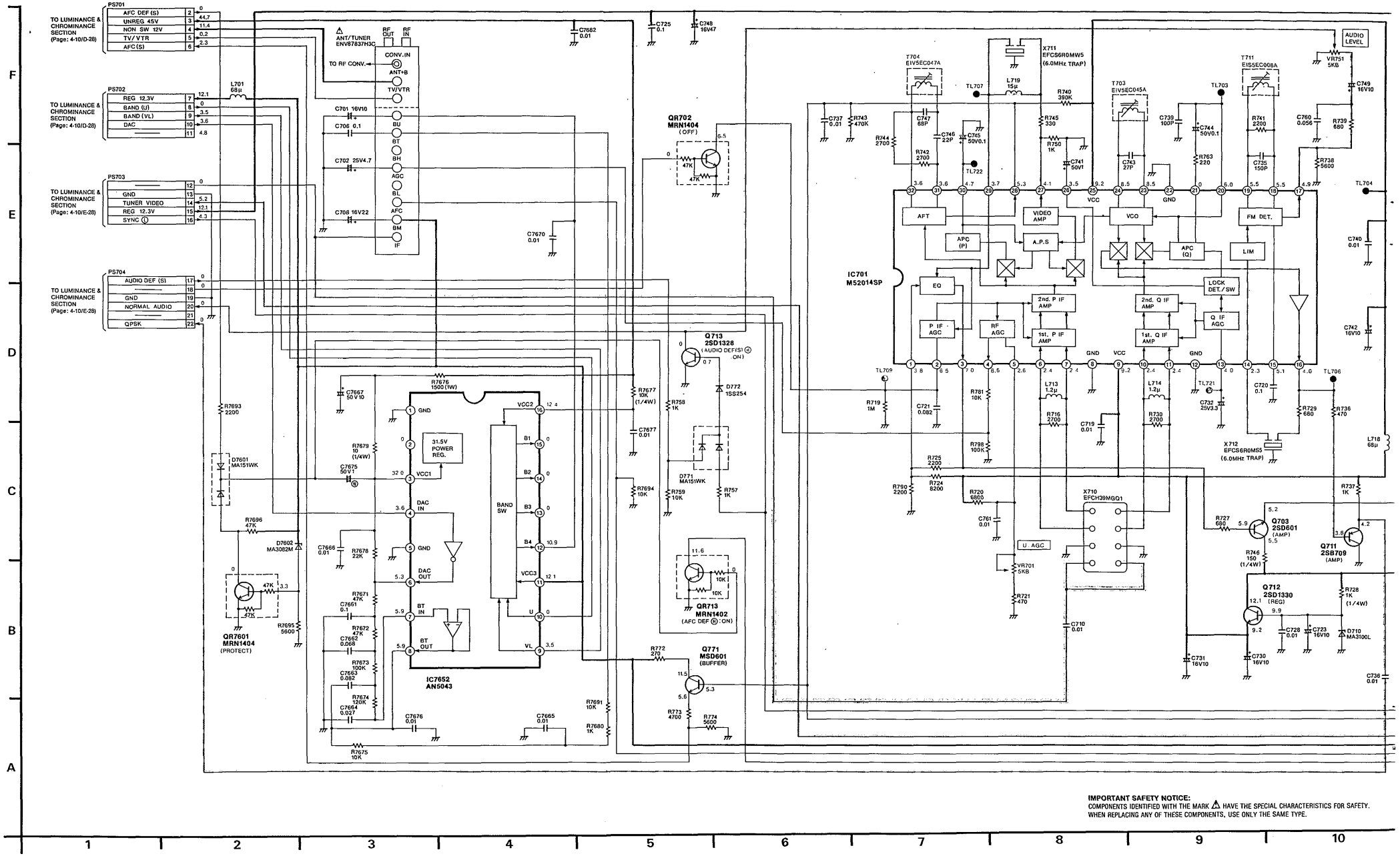


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (S-VHS: SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

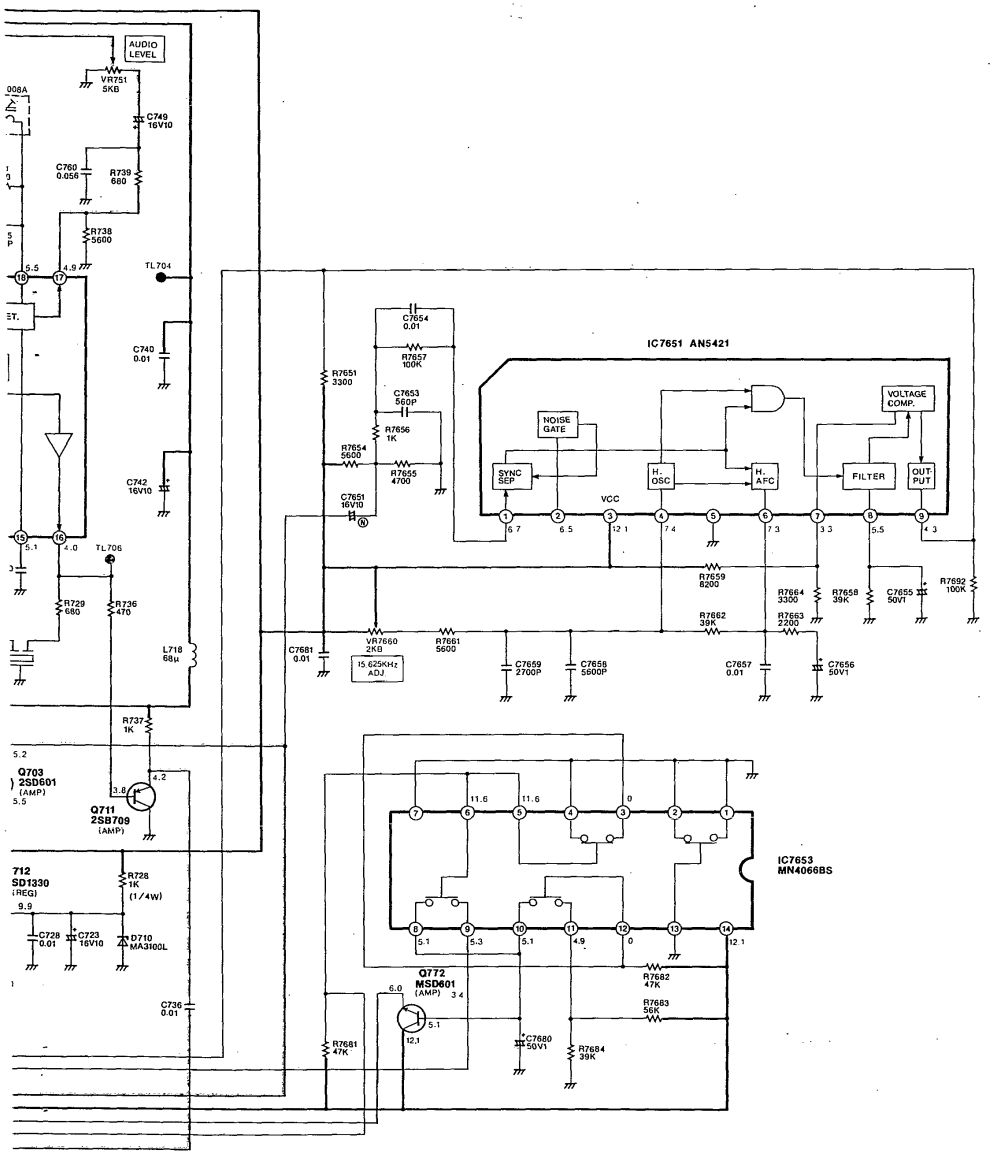
4-12. TV DEMODULATOR PACK SCHEMATIC DIAGRAM (NV-FS200B, NV-FS88B)

VIDEO SIGNAL PATH — — — AUDIO SIGNAL PATH



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

ıL PATH

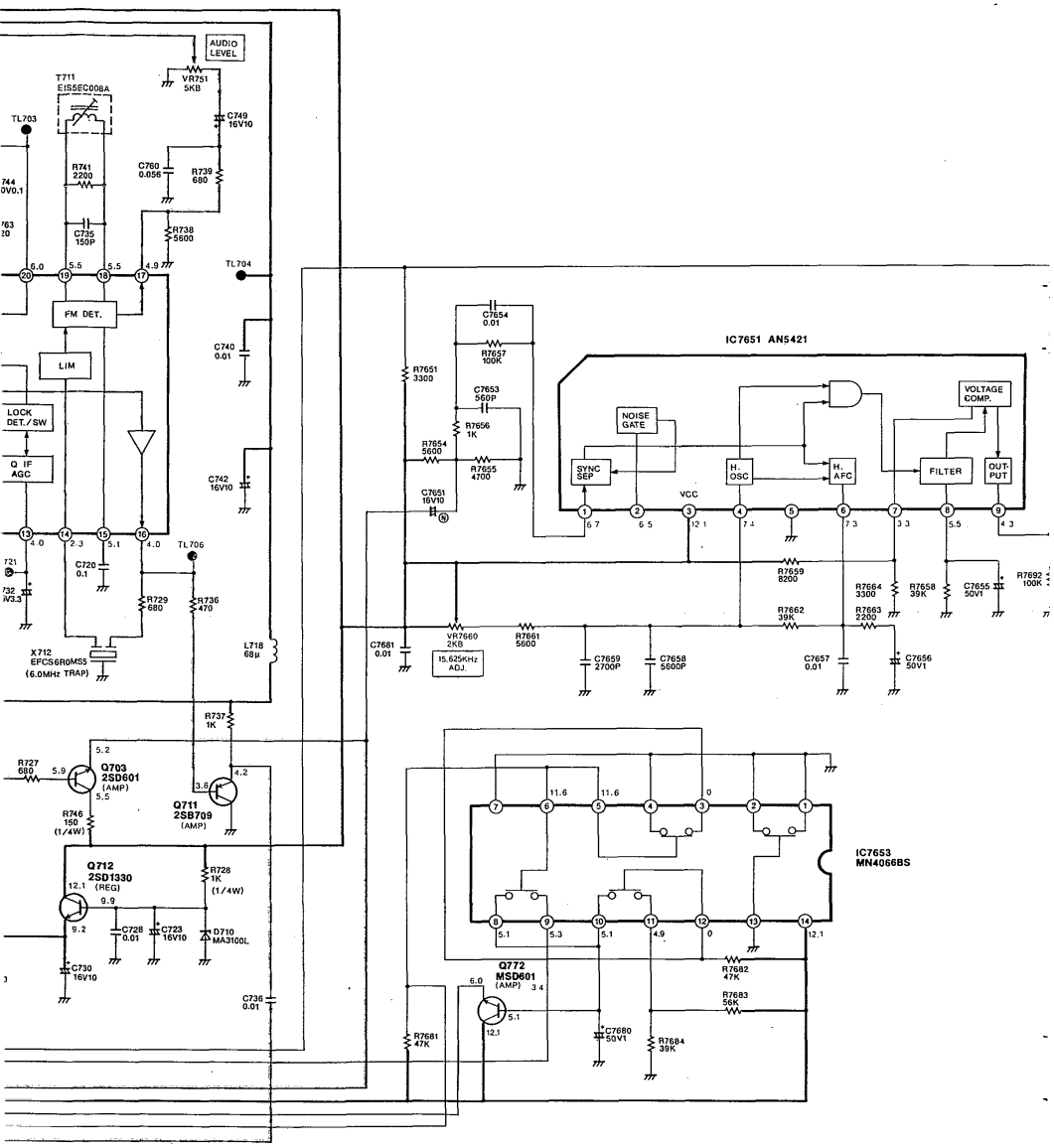


AL CHARACTERISTICS FOR SAFETY.
: SAME TYPE.

ASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

10 | 11 | 12 | 13 | 14



⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
ENTS, USE ONLY THE SAME TYPE.

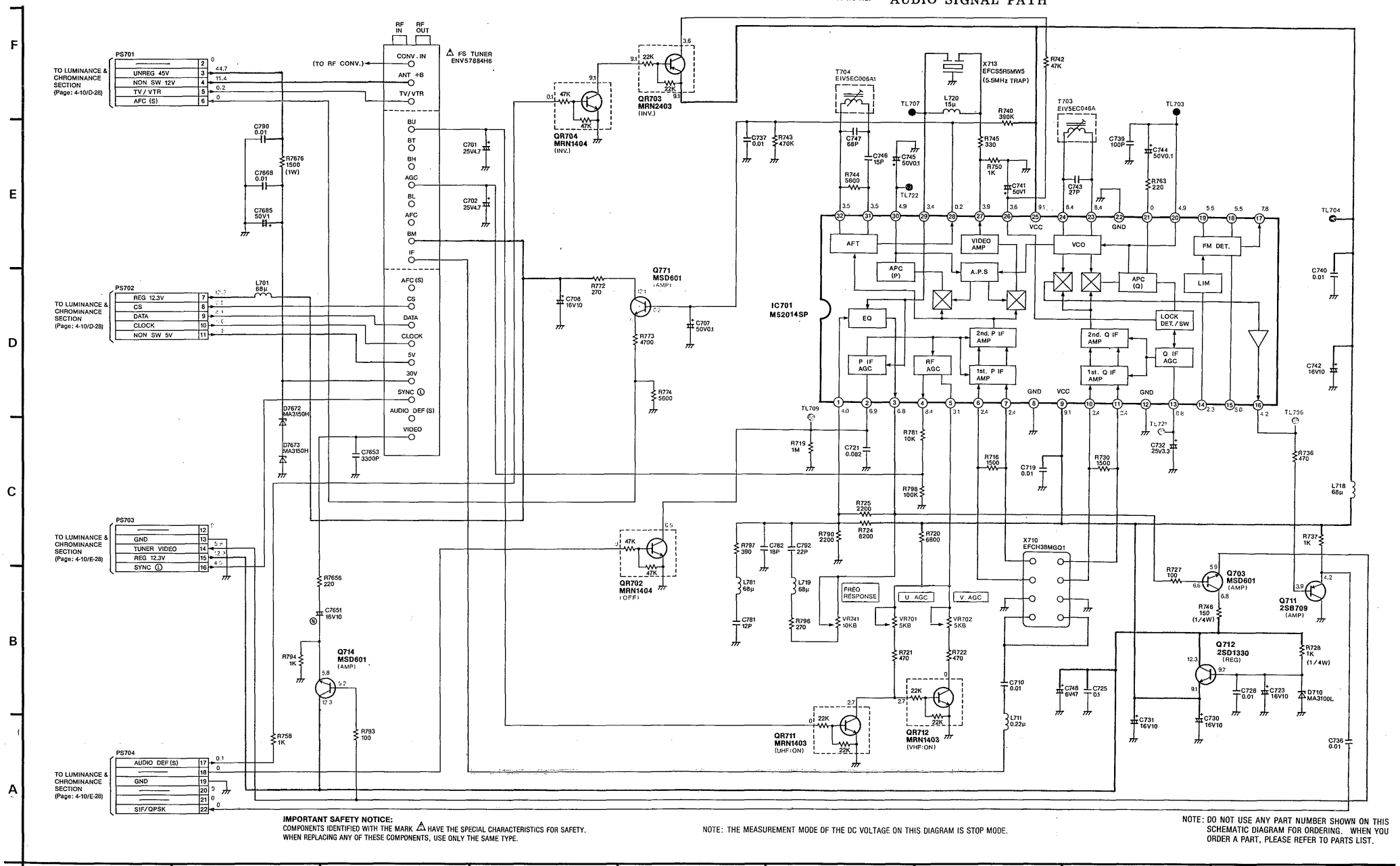
ASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

10 11 12 13 14

4-13. TV DEMODULATOR PACK SCHEMATIC DIAGRAM (NV-FS200EC, NV-FS88EC)

VIDEO SIGNAL PATH
AUDIO SIGNAL PATH

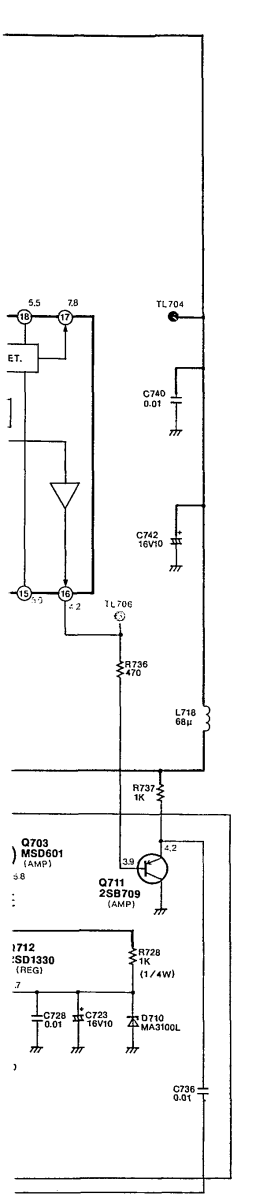


IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

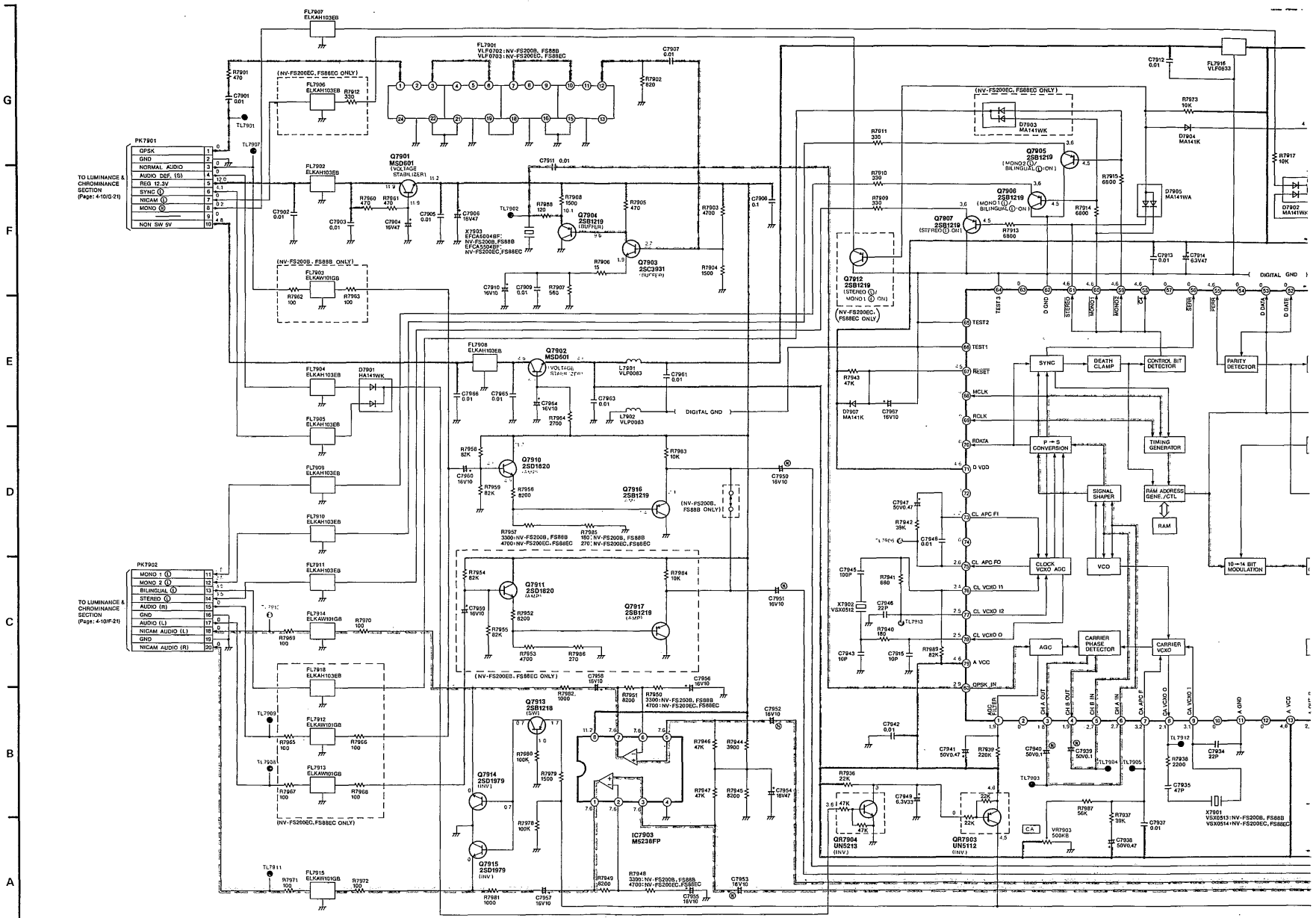
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

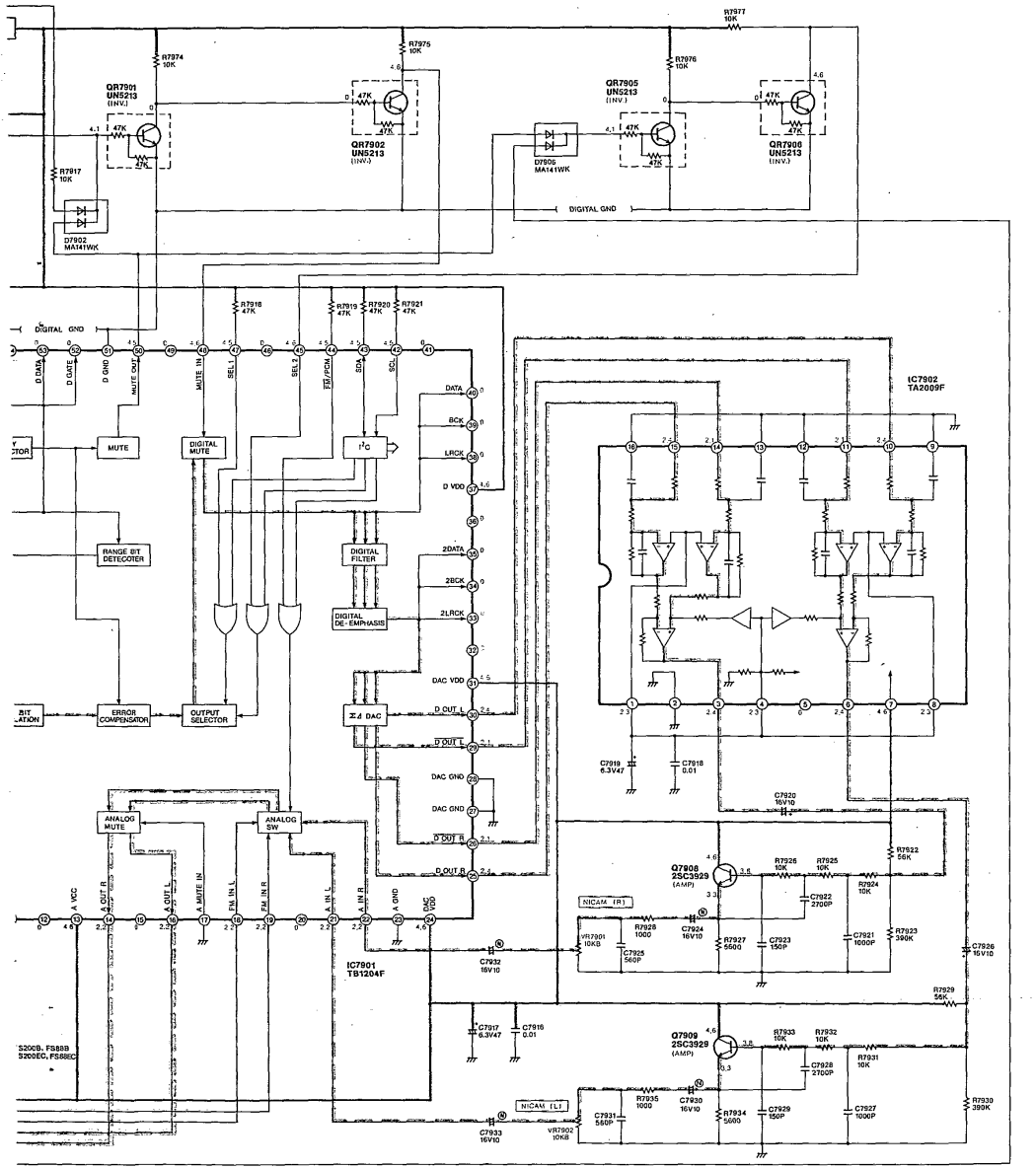
4-14. NICAM DECODER PACK SCHEMATIC DIAGRAM



NOT USE ANY PART NUMBER SHOWN ON THIS EMATIC DIAGRAM FOR ORDERING. WHEN YOU ER A PART, PLEASE REFER TO PARTS LIST.



NORMAL AUDIO SIGNAL PATH ---NICAM AUDIO SIGNAL PATH

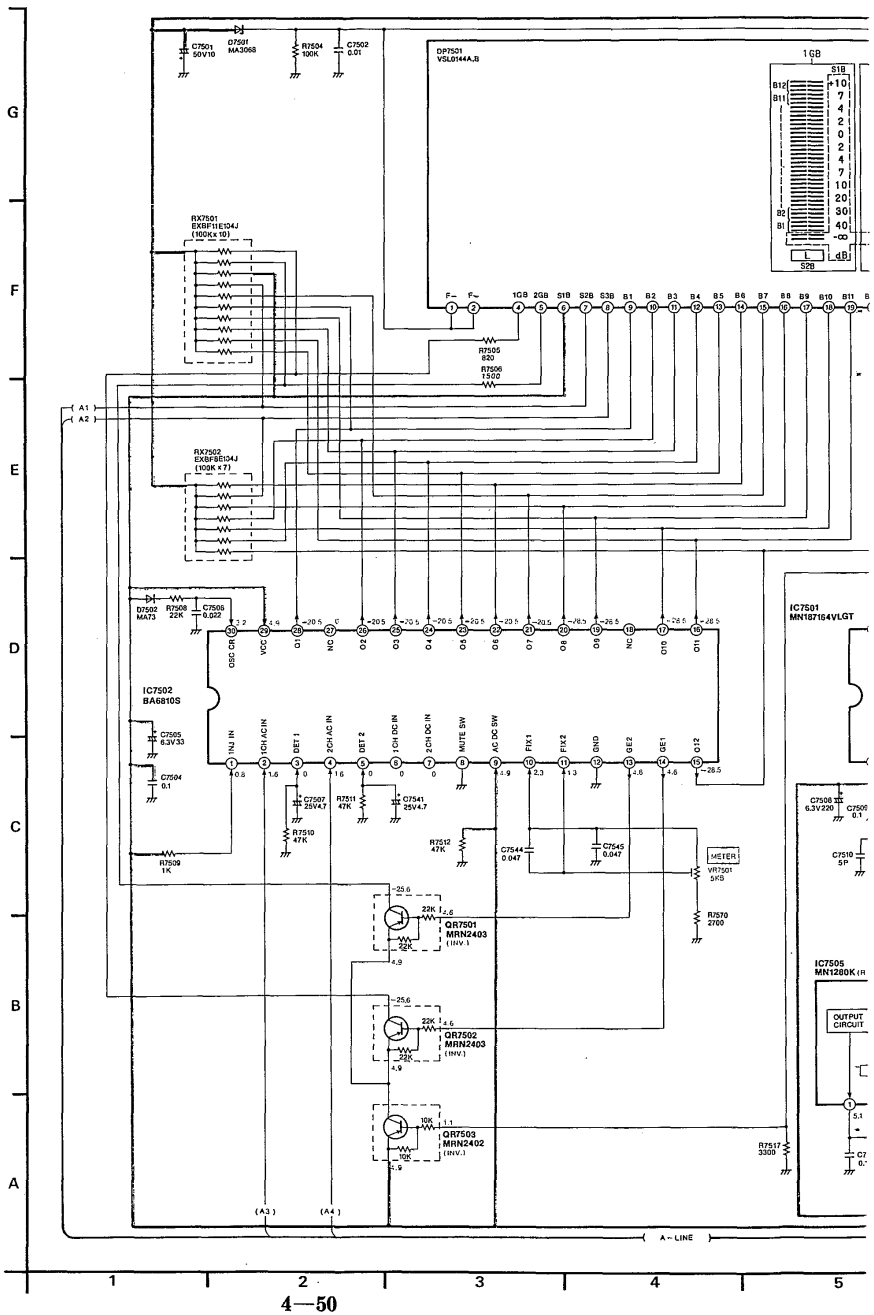


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

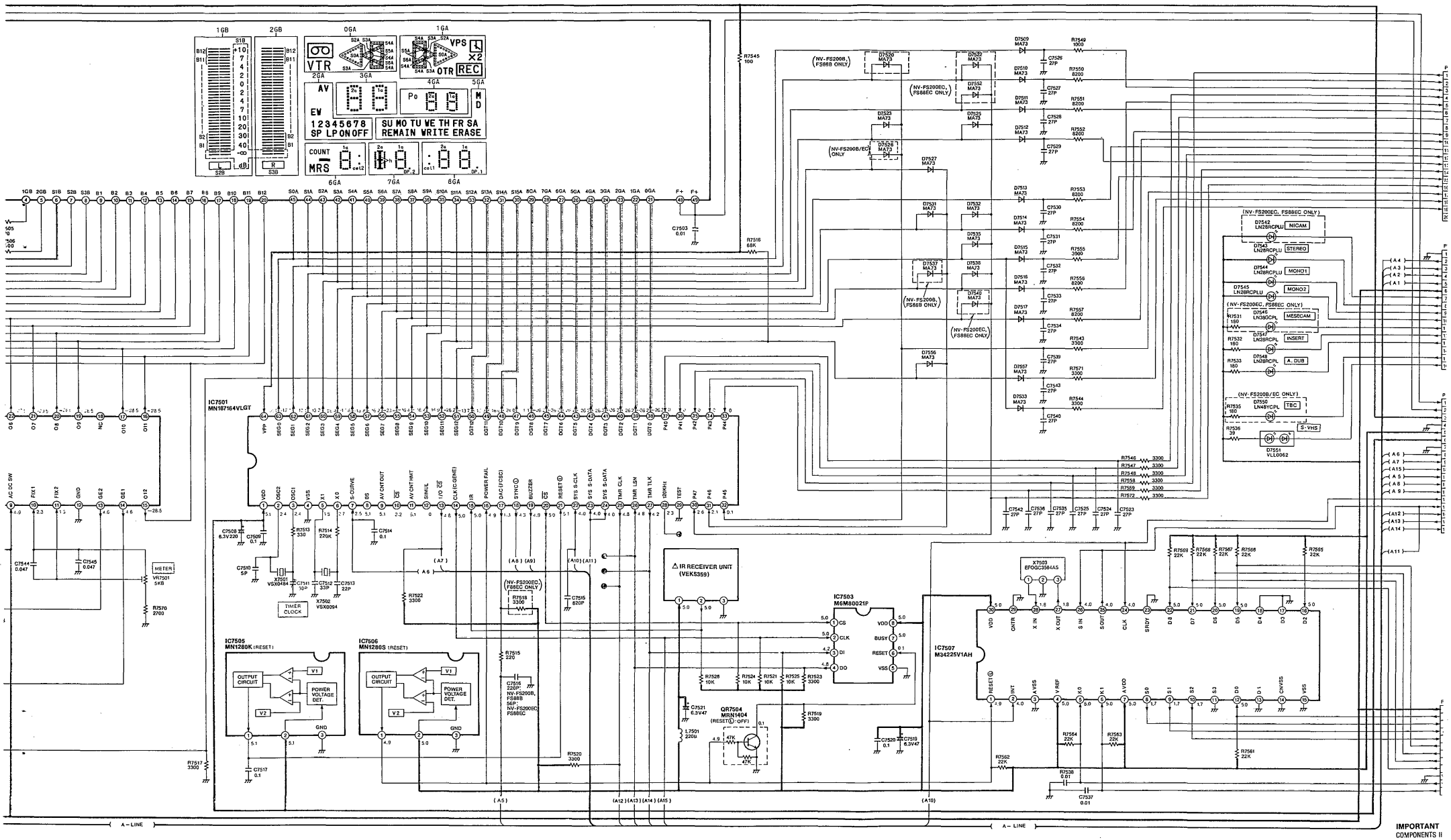
10 | 11 | 12 | 13 | 14 | 15

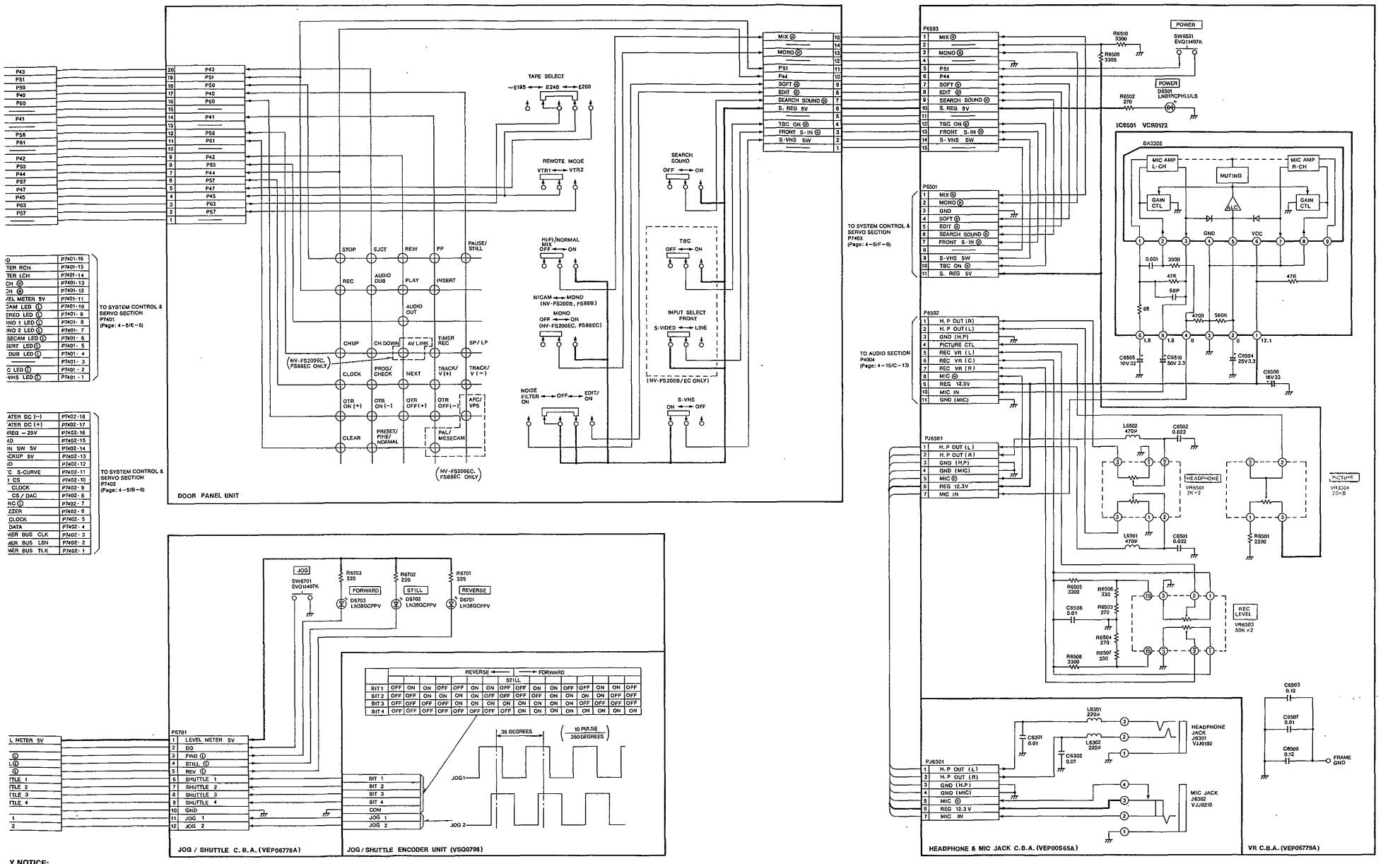
4-15. TIMER & VR SCHEMATIC DIAGRAM



GRAM

SEGMENT CONTROL SIGNAL — GRID CONTROL SIGNAL — TUNE CONTROL SIGNAL



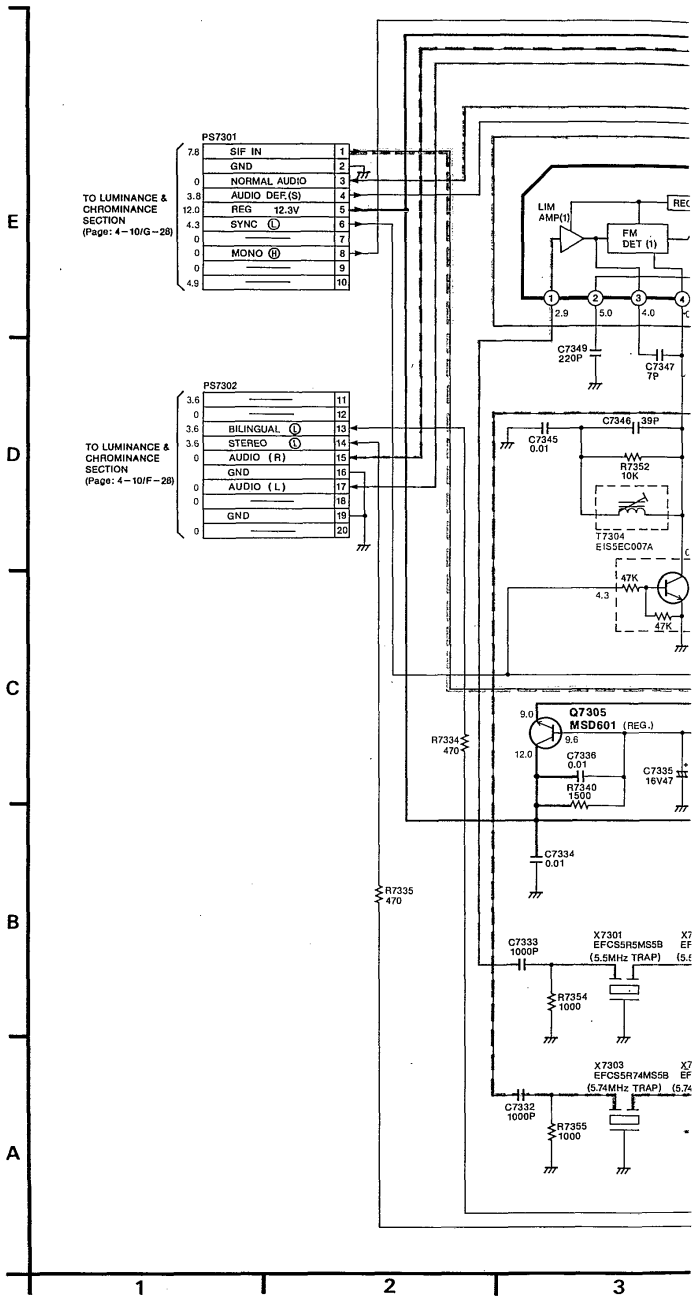

DOOR PANEL UNIT
TAPE SELECT
E195 E240 E260
REMOTE MODE
VTR1 VTR2
SEARCH SOUND
OFF ON
Hi-Fi/NORMAL MIX
NICAM MONO (NV-FS200B, FS68B)
MONO (NV-FS200EC, FS68EC)
TBC
INPUT SELECT FRONT
S-VIDEO LINE
(NV-FS200B/EG ONLY)
NOISE FILTER
EDIT/ ON
S-VHS
STOP EJCT REW FF PAUSE/ STILL
REC AUDIO DUB PLAY INSERT
AUDIO OUT
CHUP CH DOWN AV LINK TIMER REC SP/LP
(NV-FS200EC, FS68EC ONLY)
CLOCK PROG/ CHECK NEXT TRACK/ V(+) TRACK/ V(-)
OTR ON(+) OTR ON(-) OTR OFF(+) OTR OFF(-) AFC/ VPS
CLEAR PRESET/ FINE/ NORMAL PAL/ MESECAM
(NV-FS200EC, FS68EC ONLY)
TO SYSTEM CONTROL & SERVO SECTION P7401 (Page: 4-5/E-6)
TO SYSTEM CONTROL & SERVO SECTION P7402 (Page: 4-5/B-6)
TO SYSTEM CONTROL & SERVO SECTION P7403 (Page: 4-5/F-6)
TO AUDIO SECTION P4004 (Page: 4-15/C-13)
JOG / SHUTTLE C.B.A. (VEP06778A)
JOG / SHUTTLE ENCODER UNIT (VSQ0798)
HEADPHONE & MIC JACK C.B.A. (VEP00S65A)
VR C.B.A. (VEP06779A)
IC6501 VCR0172
BA3308
MIC AMP L-CH
MIC AMP R-CH
MUTING
GAIN CTL
ALC
POWER
SW6501 EVQ11407K
D6501 LN61RCPHLULS
HEADPHONE VR6501 2K×2
REC LEVEL VR6503 50K×2
PICTURE VR3004 20K
HEADPHONE JACK J6301 VJJ0192
MIC JACK J6302 VJJ0210
FRAME GND
JOG SW6701 EVQ11407K
FORWARD STILL REVERSE
D6703 LN38GCPPV
D6702 LN38GCPPV
D6701 LN38GCPPV
REVERSE FORWARD
STILL
BIT 1 OFF ON ON OFF OFF ON ON OFF OFF ON ON OFF OFF ON ON OFF
BIT 2 OFF OFF ON ON ON ON OFF OFF OFF OFF ON ON ON ON OFF OFF
BIT 3 OFF OFF OFF OFF ON ON ON ON ON ON ON OFF OFF OFF OFF
BIT 4 OFF OFF OFF OFF OFF OFF OFF OFF ON ON ON ON ON ON ON ON
36 DEGREES
10 PULSE 360 DEGREES
JOG 1
JOG 2

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE. (S-VHS: SP MODE)

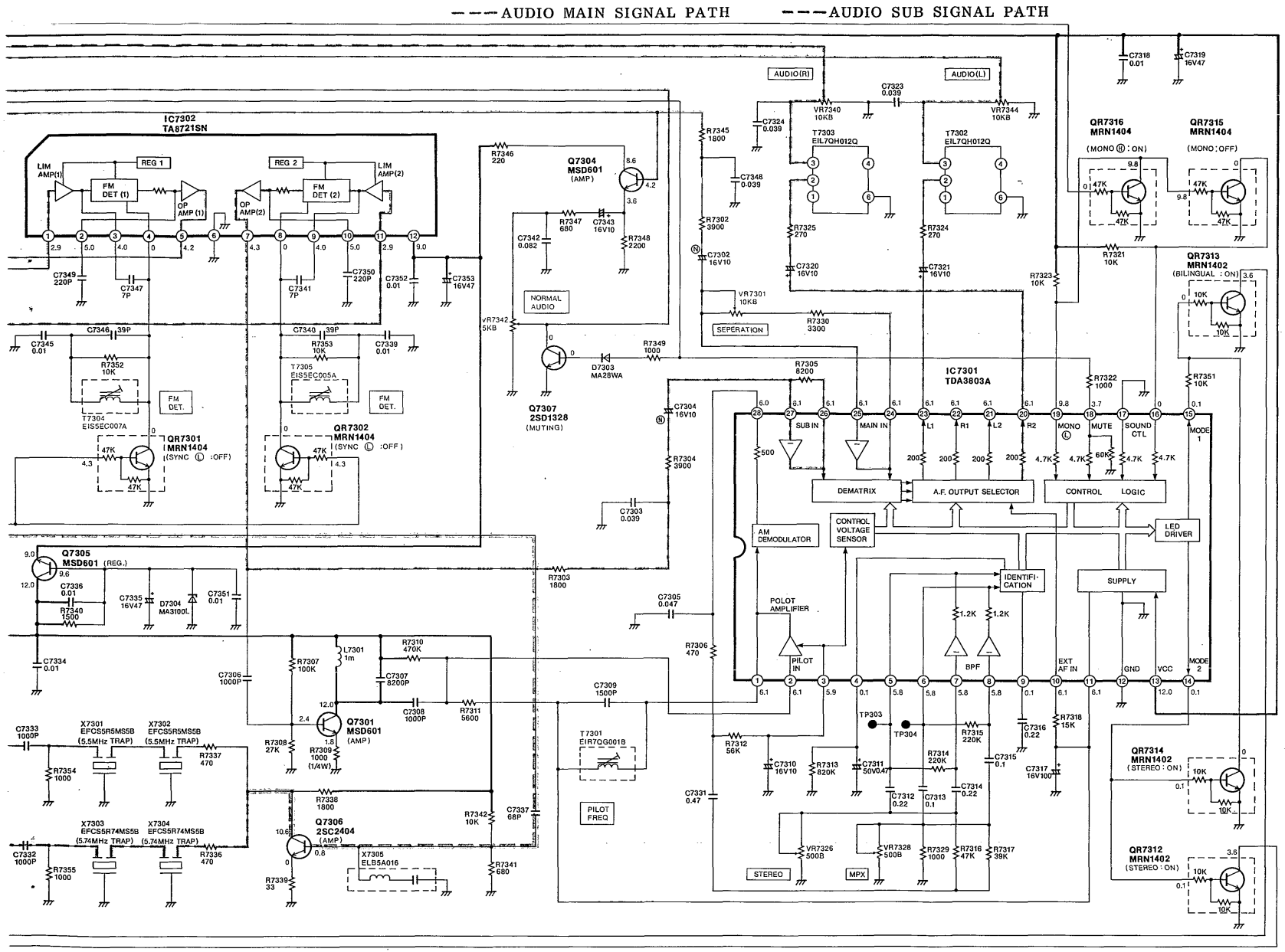
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

Y NOTICE:
ED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

4-16. DECODER PACK SCHEMATIC DIAGRAM (NV-



)IAGRAM (NV-FS200EC, NV-FS88EC)



NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

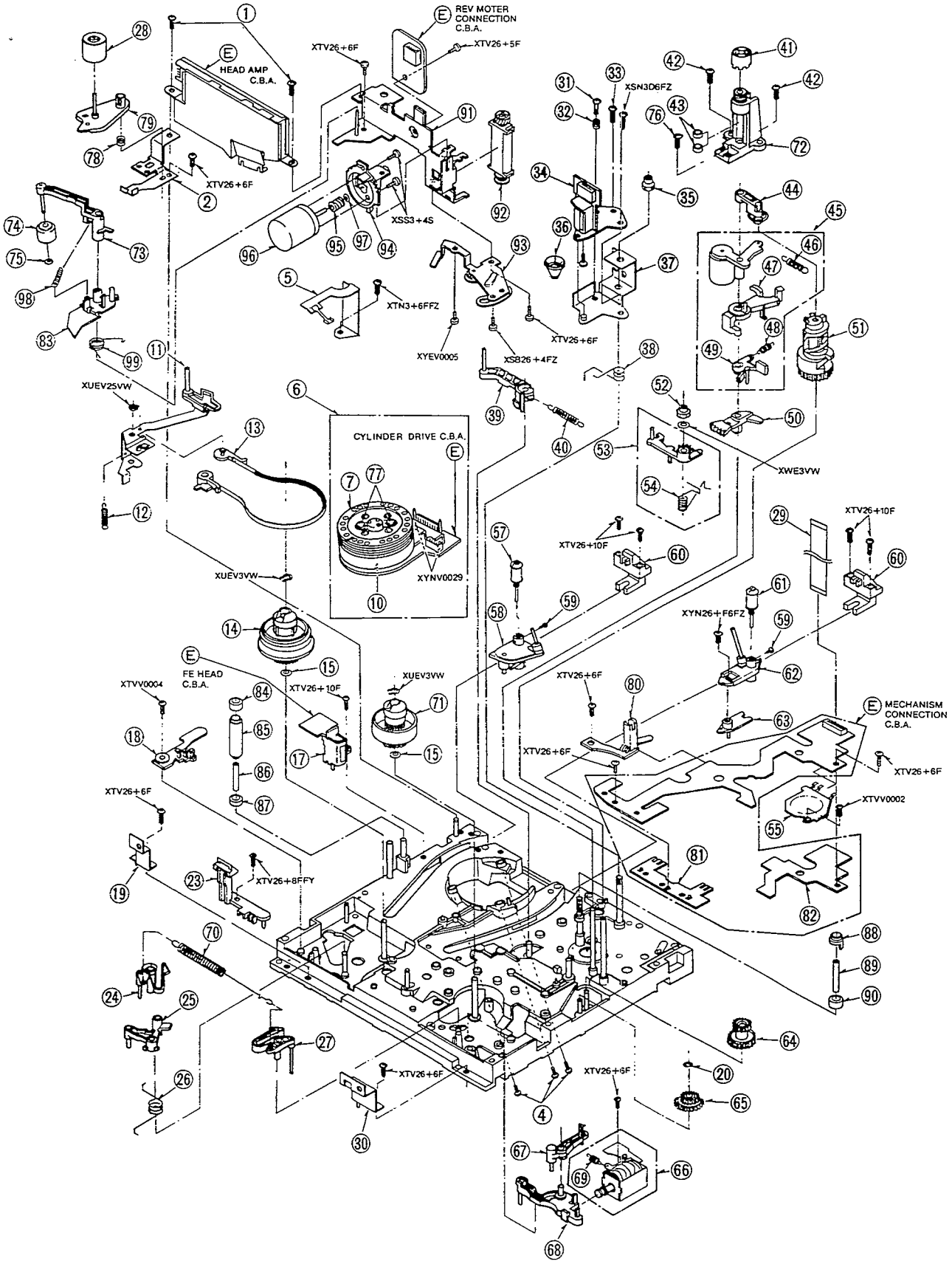
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

SECTION 5
EXPLODED VIEWS & PARTS LIST

5-1. EXPLODED VIEW & MECHANICAL REPLACEMENT PARTS LIST

❶ CHASSIS PARTS SECTION (1)

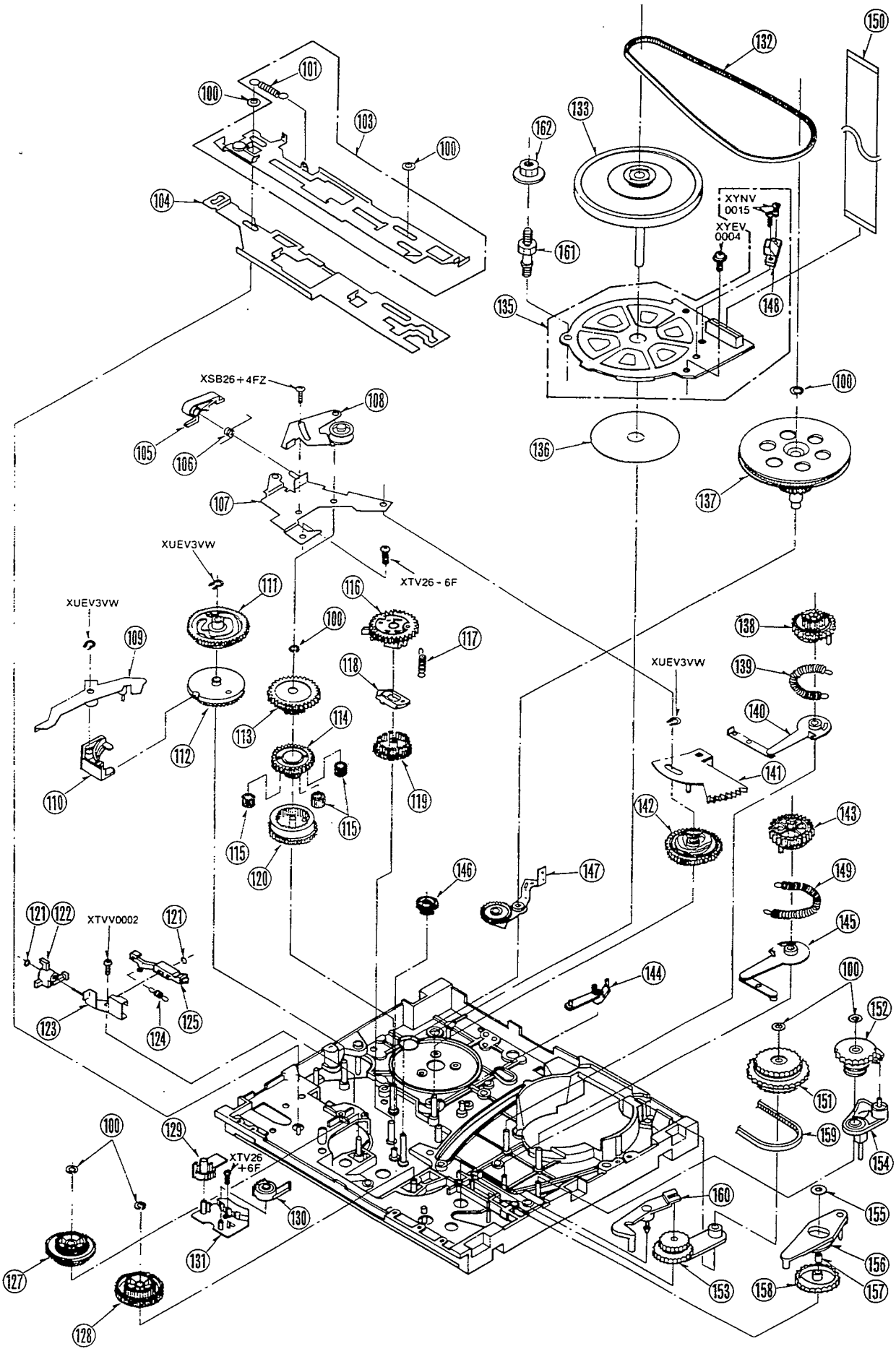


Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
1(1)		VHD0418	HEAD AMP SET SCREW	2	
2(1)		VMA7174	HEAD AMP MOUNT ANGLE	1	
4(1)		VHD0342	CYLINDER SCREW	3	
5(1)		VXA2702	EARTH PLATE UNIT	1	
6(1)		VEG0769	CYLINDER UNIT	1	<!>
7(1)		VEH0467	UPPER CYLINDER UNIT	1	
10(1)		VSC2188	CYLINDER C.B.A.SHIELD PLATE	1	
11(1)		VXL1855	TENSION ARM (1) UNIT	1	
12(1)		VMB1563	TENSION SPRING	1	
13(1)		VXZ0267	TENSION BAND UNIT	1	
14(1)		VXR0179	SUPPLY REEL TABLE UNIT	1	
15(1)		VMX1171	REEL WASHER (0.5mm)	2	
15(1)		VMX1239	REEL WASHER (0.3mm)	2	
15(1)		VMX1238	REEL WASHER (0.2mm)	2	
17(1)		VBS0038	FE HEAD	1	
18(1)		VMD1316	TENSION SPRING HOOK	1	
19(1)		VMA5895	MOUNT ANGLE (L)	1	
20(1)		VMX1079	CUT WASHER	1	
23(1)		VES0486	SAFETY SW	1	
24(1)		VXZ0259	SUPPLY MAIN BRAKE UNIT	1	
25(1)		VXZ0274	SUPPLY SOFT BRAKE(1)UNIT	1	
26(1)		VMB1564	SUPPLY SOFT BRAKE SPRING	1	
27(1)		VXZ0262	TAKE UP MAIN BRAKE UNIT	1	
28(1)		VXP1092	IMPEDANCE ROLLER UNIT	1	
29(1)		VWJ0357	FLEXIBLE CADE (15P)	1	(P6001-P1504)
30(1)		VMA6896	MOUNT ANGLE (R)	1	
31(1)		VHD0322	ADJUST SCREW	1	
32(1)		VMB1251	ADJUST SPRING	1	
33(1)		VHD0089B	AZIMUTH ADJUST SCREW	1	
34(1)		VED0082	A/C HEAD (1) UNIT	1	
35(1)		VHN0063	M4 NYLON NUT	1	
36(1)		VHN0110	ADJUST NUT	1	
37(1)		VMA7831	HEAD BASE	1	
38(1)		VMB1567	A/C HEAD SPRING	1	
39(1)		VXL1857	SUB LOADING ARM (1) UNIT	1	
40(1)		VMB1566	SUB POST SPRING	1	
41(1)		VXQ0006	THRUST SCREW UNIT	1	
42(1)		VHD0317	HOUSING SCREW	2	
43(1)		VMX1033	OIL SEAL	2	
44(1)		VMX1353	PINCH CAM CAP	1	
45(1)		VXL1858	PRESSURE ROLLER UNIT	1	
46(1)		VMB1941	PIN PRESSURE SPRING	1	
47(1)		VML2232	PINCH PRESSURE ARM	1	
48(1)		VMB1569	PINCH PRESSURE ARM RELEASE	1	
			SPRING		
49(1)		VML1874	PINCH LIFT ARM	1	
50(1)		VDG0597	P5 PULL OUT SECTOR GEAR	1	
51(1)		VDG0421	PINCH CAM	1	
52(1)		VHD0045	M3 NYLON NUT	1	
53(1)		VXL2027	P5 UNIT	1	
54(1)		VMB2718	P5 SPRING	1	
55(1)		VSS0175	MODE SW	1	
57(1)		VXP1093	ROLLER POST (S) UNIT	1	
58(1)		VXA4106	INCLIND BASE (S)(1)UNIT	1	
59(1)		VHD0133	ROLLER POST SCREW	2	
60(1)		VMD0910	POST STOPPER	2	
61(1)		VXP1094	ROLLER POST (T) UNIT	1	
62(1)		VXA3876	INCLIND BASE(T)(1)UNIT	1	
63(1)		VXA2687	INCLIND ADJUST PLATE UNIT	1	
64(1)		VDG0483	PINCH SPEED DOWN GEAR	1	
65(1)		VDG0664	CONNECTION GEAR	1	
66(1)		VEK3347	SOLENOID UNIT	1	
67(1)		VXA2692	KICK ROD UNIT	1	
68(1)		VML2048	SOLENOID LEVER	1	
69(1)		VMB1553	KICK ROD SPRING	1	
70(1)		VMB2012	MAIN BRAKE SPRING	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
71(1)		VXR0176	TAKE UP REEL TABLE UNIT	1	
72(1)		VXD0101	HOUSING UNIT	1	
73(1)		VXL2066	CLEANNER ARM (2) UNIT	1	
74(1)		VXP1341	CLEANNER ROLLER UNIT	1	
75(1)		VMX1061	SNAP WASHER (A)	1	
76(1)		VHD0374	HOUSING SCREW	1	
77(1)		VHD0553	UPPER CYLINDER SCREW	2	
78(1)		VMB1741	IMPEDANCE ARM SPRING	1	
79(1)		VML2308	IMPEDANCE ROLLER ARM	1	
80(1)		VXA3520	LED HOLDER UNIT	1	
81(1)		VMA7829	REINFORCEMENT PLATE (F)	1	
82(1)		VMA7830	REINFORCEMENT PLATE (R)	1	
83(1)		VML2510	CLEANNER ARM (B)		
84(1)		VMX1088	SUPPLY UPPER LIMITER	1	
85(1)		VDP1304	SUPPLY ROLLER	1	
86(1)		VMX1581	P1 COLLAR	1	
87(1)		VMX1533	SUPPLY LOWER LIMITER	1	
88(1)		VMX1544	P4 UPPER LIMITER	1	
89(1)		VMX1568	P4 SLEEVE	1	
90(1)		VMX1534	P4 LOWER LIMITER	1	
91(1)		VXA4317	MOTOR MOUNT PLATE UNIT	1	
92(1)		VXA3517	WORM WHEEL BEARING UNIT	1	
93(1)		VXA4315	TENSION PULLEY BASE (A)	1	
			UNIT		
94(1)		VXA3564	REEL MOTOR BRACKET UNIT	1	
95(1)		VXP1208	WORM GEAR UNIT	1	
96(1)		VEM0320	REV MOTOR	1	
97(1)		VMX1734	WORM WASHER	1	
98(1)		VMB2263	CLEANNER ARM SPRING (A)	1	
99(1)		VMB2264	CLEANNER ARM SPRING (B)	1	

❷ CHASSIS PARTS SECTION (2)



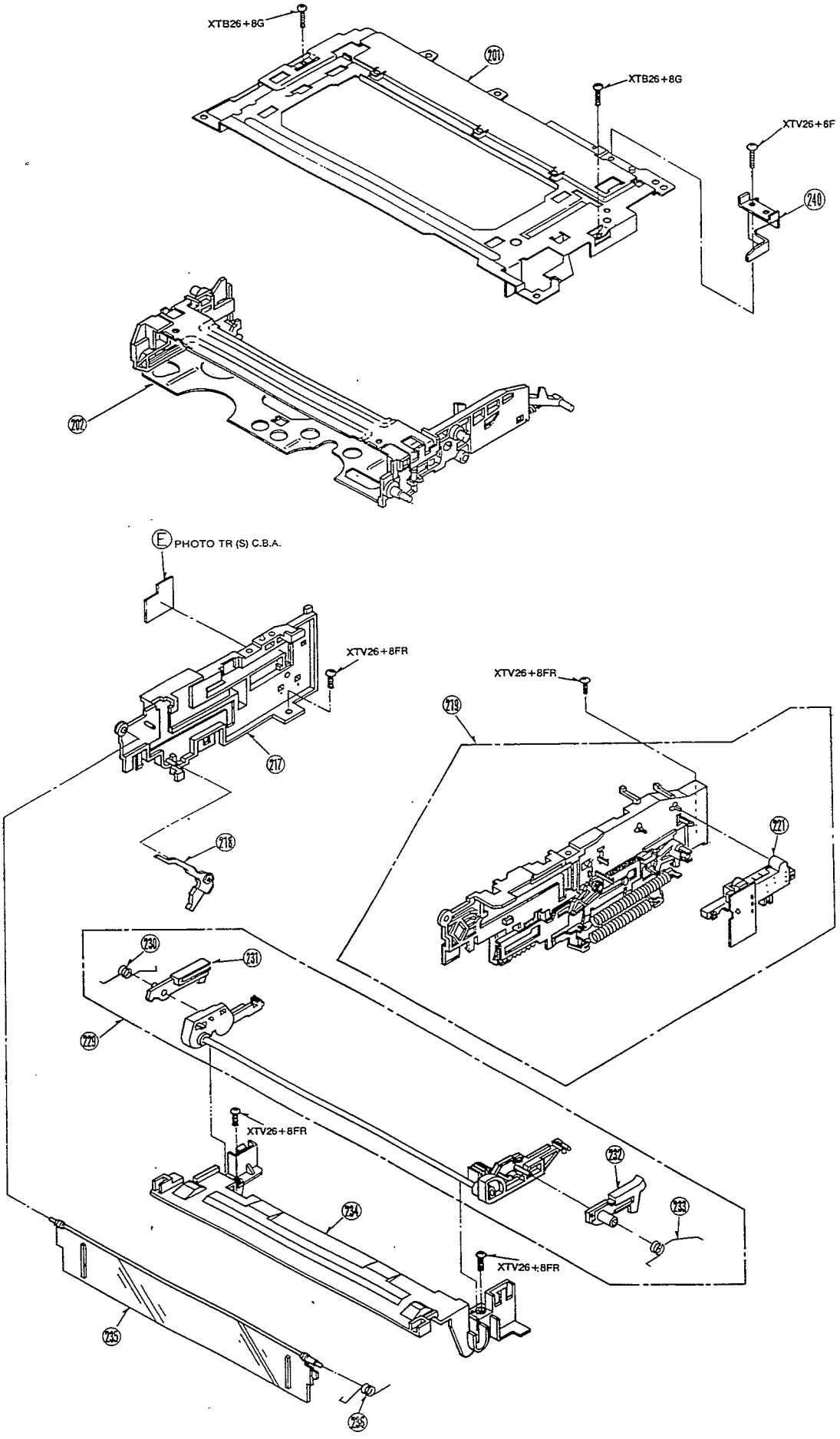
Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
100(2)		VMX1079	CUT WASHER	8	
101(2)		VMB1883	SUB LEVER SPRING	1	
103(2)		VXA3510	SUB LEVER UNIT	1	
104(2)		VMM0204	MAIN LEVER	1	
105(2)		VXL2088	SS BRAKE ARM UNIT	1	
106(2)		VMB1588	SS BRAKE SPRING	1	
107(2)		VXA3512	SS BRAKE BASE (1) UNIT	1	
108(2)		VXA3516	TENSION ROLLER UNIT	1	
109(2)		VXL1632	CAM FOLLOWER ARM UNIT	1	
110(2)		VML1861	DETENT ARM	1	
111(2)		VDG0574	MAIN CAM GEAR	1	
112(2)		VDG0343	SUB CAM GEAR	1	
113(2)		VDG0348	CENTRE GEAR	1	
114(2)		VDG0422	RETAINER GEAR	1	
115(2)		VDG0345	PLANET GEAR	3	
116(2)		VDG0547	CLUTCH DISK	1	
117(2)		VMB1558	CLUTCH SPRING	1	
118(2)		VDG0350	LOCK SLIDE GEAR	1	
119(2)		VDG0335	DRIVE DISK	1	
120(2)		VDG0342	RING GEAR	1	
121(2)		VMX0967	CUT WASHER	2	
122(2)		VML1859	CHANGE LEVER	1	
123(2)		VXA2672	RELEASE LEVER (1) UNIT	1	
124(2)		VMB1557	RELEASE SPRING	1	
125(2)		VML1860	RELEASE LEVER	1	
127(2)		VXP1031	TAKE UP REEL GEAR UNIT	1	
128(2)		VXP0981	SUPPLY REEL GEAR UNIT	1	
129(2)		VML1858	RETURN LEVER (R)	1	
130(2)		VML1857	RETURN LEVER (L)	1	
131(2)		VMD0913	STOPPER BASE	1	
132(2)		VDV0169	TIMING BELT	1	
133(2)		VXP1113	ROTOR UNIT	1	
135(2)		VEK4097	STATOR UNIT	1	<!>
136(2)		VMA6847	SUB PLATE	1	
137(2)		VXP1050	CENTRE PULLEY UNIT	1	
138(2)		VDG0564	LOADING GEAR (T)	1	
139(2)		VMB1555	LOADING SPRING (T)	1	
140(2)		VXL1489	LOADING ARM (T)(1) UNIT	1	
141(2)		VXA3515	SECTOR GEAR UNIT	1	
142(2)		VDG0516	LOADING CAM GEAR	1	
143(2)		VDG0419	LOADING GEAR (S)	1	
144(2)		VML2266	PLAY CONTROL ARM	1	
145(2)		VXL1487	LOADING ARM (S)(1) UNIT	1	
146(2)		VDG0546	INTERMEDIATE GEAR	1	
147(2)		VXL1861	PLAY ARM UNIT	1	
148(2)		VBK0048	FG HEAD	1	
149(2)		VMB1746	LOADING SPRING(S)	1	
150(2)		VWJ0613B	FLEXIBLE CADE (15P)	1	(P2501-CAPSTAN)
151(2)		VXP1029	REVIEW CLUTCH UNIT	1	
152(2)		VXP1030	TENSION RELEASE CLUTCH UNIT	1	
153(2)		VXL1851	REVIEW ARM UNIT	1	
154(2)		VML2197	TENSION RELEASE LEVER	1	
155(2)		VMX1536	CUT WASHER	1	
156(2)		VML2233	SUB CAM FOLLOWER	1	
157(2)		VMX1495	RUBBER STOPPER	1	
158(2)		VDG0517	SUB LEVER CAM	1	
159(2)		VDV0199	REVIEW CLUTCH TIMING BELT	1	
160(2)		VML2200	REVIEW CONTROL LEVER	1	
161(2)		VHD0431	STATOR SPACER SCREW	1	
162(2)		VHN0102	STATOR NUT	1	

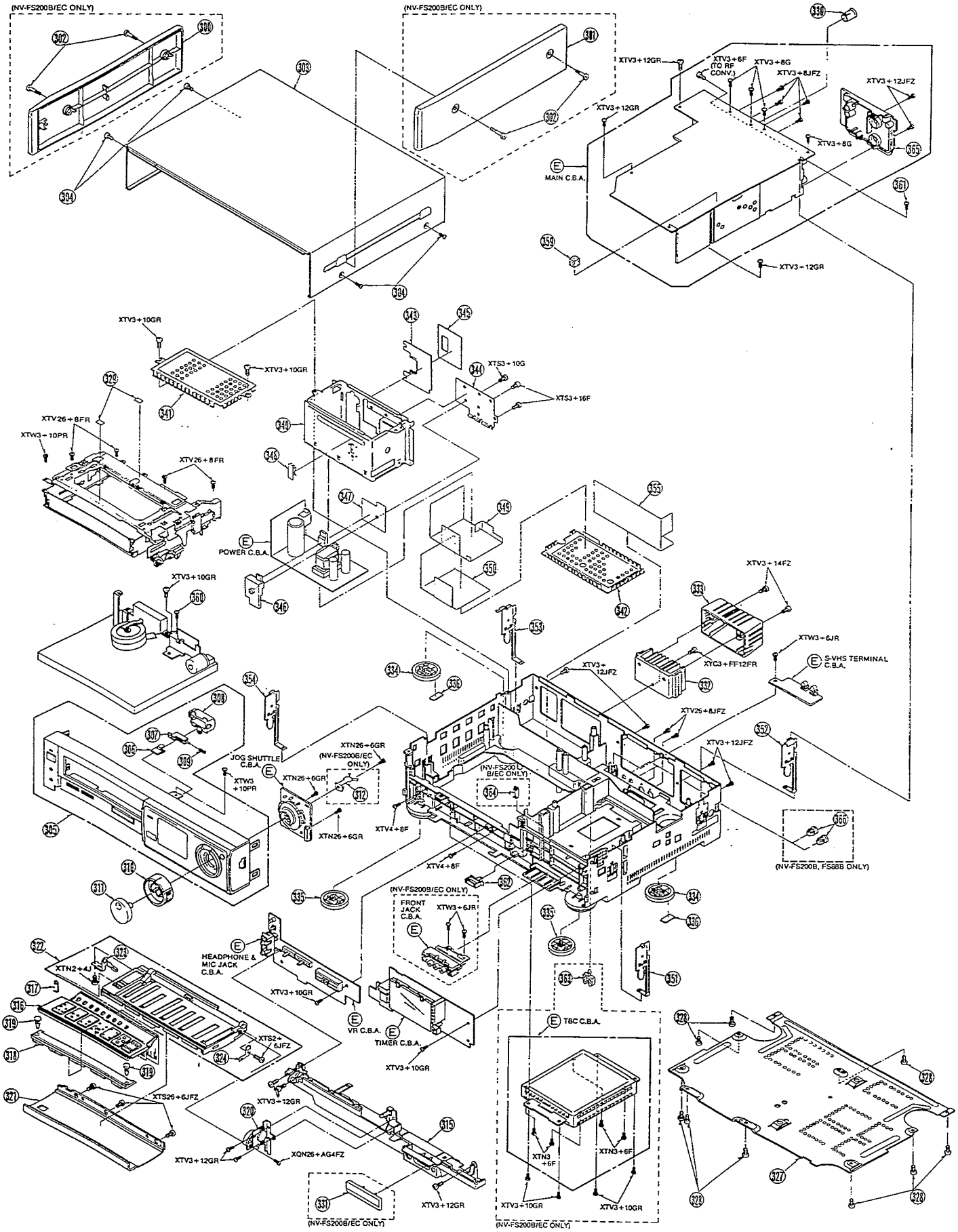
Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
201(3)		VMA7223	TOP PLATE	1	
202(3)		VXA3840	CASSETTE HOLDER UNIT	1	
217(3)		VMD1890	SIDE PLATE (L)	1	
218(3)		VML1880	OPENER LEVER	1	
219(3)		VXA4076	SIDE PLATE (R) UNIT	1	
221(3)		VXA4642	SLIDE SW UNIT	1	
229(3)		VXP0987	MAIN SHAFT UNIT	1	
230(3)		VMB1836	SUB WIPER SPRING (L)	1	
231(3)		VML1878	SUB WIPER ARM (L)	1	
232(3)		VML1879	SUB WIPER ARM (R)	1	
233(3)		VMB1837	SUB WIPER SPRING (R)	1	
234(3)		VMA6900	CASSETTE GUIDE	1	
235(3)		VKF1263	BLINDER PANEL	1	
236(3)		VMB1258	BLINDER SPRING	1	
240(3)		VMA7224	CASSETTE HOLDER ANGLE	1	

❸ CASSETTE UP MECHANISM SECTION



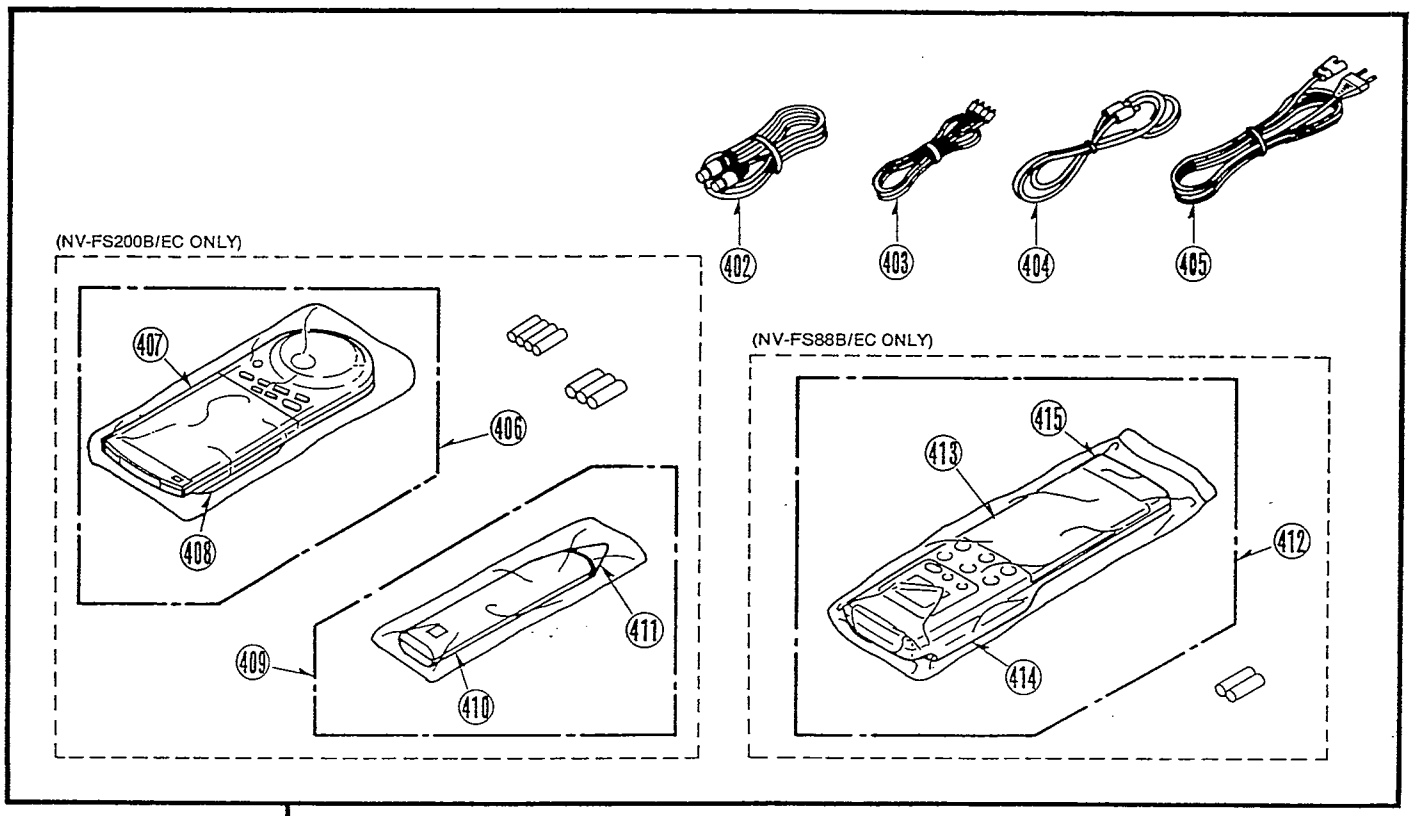
❹ CASING PARTS SECTION

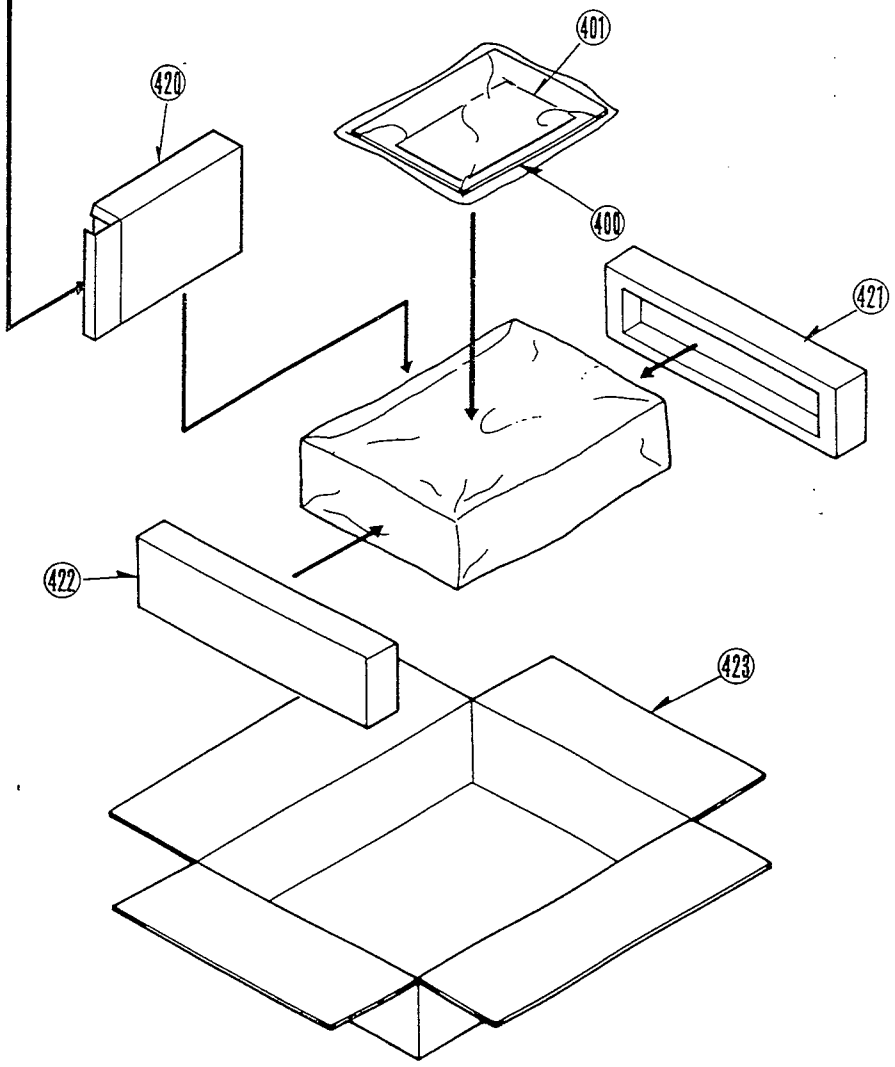


Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
300(4)		VYC0521	SIDE PANEL (L) UNIT	1	NV-FS200B/EC
301(4)		VGK2051	SIDE PANEL (R)	1	NV-FS200B/EC
302(4)		VHD0492	SIDE PANEL SCREW	4	NV-FS200B/EC
303(4)		VGM0894	TOP PANEL	1	NV-FS200B/EC
303(4)		VGM0463	TOP PANEL	1	NV-FS88B/EC
304(4)		VHD0165	TOP PANEL SCREW	4	
305(4)		VYP4006	FRONT PANEL (1) UNIT	1	NV-FS200B
305(4)		VYP4007	FRONT PANEL (1) UNIT	1	NV-FS200EC
305(4)		VYP4000	FRONT PANEL (1) UNIT	1	NV-FS88B
305(4)		VYP4001	FRONT PANEL (1) UNIT	1	NV-FS88EC
306(4)		VGU5246	DOOR OPEN BUTTON	1	
307(4)		VGU4498	DOOR LOCK LEVER	1	
308(4)		VGU4829	LOCK LEVER HOLDER	1	
309(4)		VMB1963	LOCK LEVER SPRING	1	
310(4)		VGU5425	SHUTTLE KNOB	1	NV-FS200B/EC
310(4)		VGU5846	SHUTTLE KNOB	1	NV-FS88B/EC
311(4)		VXU1027	JOG KNOB UNIT	1	NV-FS200B/EC
311(4)		VXU1088	JOG KNOB UNIT	1	NV-FS88B/EC
312(4)		VMC0729	JOG/SHUTTLE EARTH SPRING	1	NV-FS200B/EC
315(4)		VYF1828	SUPPORT PANEL UNIT	1	NV-FS200B/EC
315(4)		VYF1729	SUPPORT PANEL UNIT	1	NV-FS88B/EC
316(4)		VES0663	DOOR PANEL SW	1	NV-FS200B
316(4)		VES0662	DOOR PANEL SW	1	NV-FS200EC
316(4)		VES0666	DOOR PANEL SW	1	NV-FS88B
316(4)		VES0665	DOOR PANEL SW	1	NV-FS88EC
317(4)		VGL0466	PANEL LIGHT	1	
318(4)		VKF1852	DOOR SUPPORT PANEL	1	
319(4)		VMG0657	DOOR CUSHION RUBBER	2	
320(4)		VXU1101	DOOR GEAR UNIT	1	
321(4)		VYC0526	DOOR ALUMINUM UNIT	1	NV-FS200B/EC
321(4)		VYC0519	DOOR ALUMINUM UNIT	1	NV-FS88B/EC
322(4)		VYP4016	DOOR PANEL UNIT	1	
323(4)		VMC0522	DOOR EARTH SPRING	1	
324(4)		VMP2314	DOOR PANEL ANGLE	1	
327(4)		VKU0357	BOTTOM PLATE	1	
328(4)		VHD0059	BOTTOM PLATE SCREW	9	
329(4)		VMT0332	TOP PANEL SPACER	2	
330(4)		VGQ1421	EDIT 5P CAP	1	
331(4)		VKF1314	FRONT JACK COVER	1	NV-FS200B/EC
332(4)		VSC2623	HEAT SINK (O)	1	
333(4)		VKF1150	HEAT SINK COVER	1	
334(4)		VKA0130	LEG (R)	2	
335(4)		VKA0141	LEG (F)	2	
336(4)		VKA0122	FOOT	2	
340(4)		VXA3838	POWER SHIELD PLATE(MAIN) U.	1	
341(4)		VSC2621	POWER SHIELD PLATE (TOP)	1	
342(4)		VSC2622	POWER SHIELD PLATE (BOTTOM)	1	
343(4)		VMP2337	INLET ANGLE	1	
344(4)		VSC2960	HEAT SINK (P)	1	
345(4)		VGH1476	POWER NAME PLATE	1	
346(4)		VGQ1615	IC HOLDER	1	
347(4)		VMZ1455	INSULATION SHEET	1	
348(4)		VMC0357	TR. HOLDER SPRING	1	
349(4)		VMZ1454	BARRIER (A)	1	
350(4)		VMZ1465	BARRIER (B)	1	
351(4)		VMP2334	TOP HOLDER ANGLE (FRONT-R)	1	
352(4)		VMP2335	TOP HOLDER ANGLE (REAR-R)	1	
353(4)		VMP2336	TOP HOLDER ANGLE (REAR-L)	1	
354(4)		VMP2511	TOP HOLDER ANGLE (FRONT-L)	1	
355(4)		VMZ1544	POWER BARRIER	1	
359(4)		VGQ0543	MAIN CUSHION	1	
360(4)		VHD0168	CHASSIS SCREW	1	
361(4)		VHD0418	MAIN SCREW	1	
362(4)		VJF0102	WIRE SADDLE	1	
363(4)		VJF0047	WIRE CLAMPER	1	NV-FS200B/EC
364(4)		VMC0523	FRONT JACK EARTH PLATE	1	NV-FS200B/EC
365(4)		VJH0651	RF ANT TERMINAL PLATE	1	NV-FS200B,FS88B
365(4)		VJH0650	RF ANT TERMINAL PLATE	1	NV-FS200EC,FS88EC
366(4)		VMX2189	REAR CAP	2	NV-FS200B,FS88B

❺ PACKING PARTS SECTION





Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
400(5)		VQT4611	OPERATING INSTRUCTIONS	1	<!>NV-FS200B
			(ENGLISH)		
400(5)		VQT4612	OPERATING INSTRUCTIONS	1	<!>NV-FS200EC
			(ENGLISH/FINNISH)		
400(5)		VQT4613	OPERATING INSTRUCTIONS	1	<!>NV-FS200EC
			(SWEDISH/DANISH)		
400(5)		VQT4714	OPERATING INSTRUCTIONS	1	<!>NV-FS200EC
			((FRENCH/DUTCH)		
400(5)		VQT4615	OPERATING INSTRUCTIONS	1	<!>NV-FS88B
			(ENGLISH)		
400(5)		VQT4616	OPERATING INSTRUCTIONS	1	<!>NV-FS88EC
			(ENGLISH/SPANISH)		
400(5)		VQT4617	OPERATING INSTRUCTIONS	1	<!>NV-FS88EC
			(SWEDISH/DANISH)		
400(5)		VQT4618	OPERATING INSTRUCTIONS	1	<!>NV-FS88EC
			(FINNISH)		
400(5)		VQT4715	OPERATING INSTRUCTIONS	1	<!>NV-FS88EC
			(FRENCH/DUTCH)		
401(5)		VQC1860	PROGRAMME SHEET	1	NV-FS200B,FS88B
401(5)		VQC1859	PROGRAMME SHEET	1	NV-FS200EC,FS88EC
402(5)		VJA0376	DIN RF CABLE	1	
403(5)		VJA0231	AUDIO CABLE	1	
404(5)		VJA0658	S-VIDEO 4P CABLE	1	
405(5)		VJA0714	AC CORD	1	<!>NV-FS200B,FS88B
405(5)		VJA0664	AC CORD	1	<!>NV-FS200EC,FS88EC
406(5)		VEQ1391	JOG REMOTE CONTROLLER	1	NV-FS200B
406(5)		VEQ1392	JOG REMOTE CONTROLLER	1	NV-FS200EC
407(5)		VGP2891	DOOR PANEL (VEQ1391,1392)	1	NV-FS200B/EC
408(5)		VKF1714	BATTERY COVER(VEQ1391,1392)	1	NV-FS200B/EC
409(5)		VEQ1326	DIGITAL SCANNER	1	NV-FS200B
409(5)		VEQ1325	DIGITAL SCANNER	1	NV-FS200EC
410(5)		VKF1024	BATTERY COVER(VEQ1325,1326)	1	NV-FS200B/EC
411(5)		VKM1332	SENSOR CAP (VEQ1325,1326)	1	NV-FS200B/EC
412(5)		VEQ1388	REMOTE CONTROLLER	1	NV-FS88B
			(BUILD IN DIGITAL SCANNER)		
412(5)		VEQ1389	REMOTE CONTROLLER	1	NV-FS88EC
			(BUILD IN DIGITAL SCANNER)		
413(5)		VGP2797	DOOR PANEL (VEQ1388,1389)	1	NV-FS88B/EC
414(5)		VKF1658	BATTERY COVER(VEQ1388,1389)	1	NV-FS88B/EC
415(5)		VGQ2399	SENSOR CAP (VEQ1388,1389)	1	NV-FS88B/EC
420(5)		VPK0834	ACCESSORIES PACKING	1	NV-FS200B/EC
420(5)		VPK0825	ACCESSORIES PACKING	1	NV-FS88B/EC
421(5)		VPN3400	CUSHION (R)	1	NV-FS200B,FS88B
421(5)		VPN3402	CUSHION (R)	1	NV-FS200EC,FS88EC
422(5)		VPN3401	CUSHION (L)	1	NV-FS200B,FS88B
422(5)		VPN3403	CUSHION (L)	1	NV-FS200EC,FS88EC
423(5)		VPG6395	PACKING	1	NV-FS200B
423(5)		VPG6396	PACKING	1	NV-FS200EC
423(5)		VPG6397	PACKING	1	NV-FS88B
423(5)		VPG6398	PACKING	1	NV-FS88EC
			SERVICING FIXTURES & TOOLS		
		VFJ8125H3F	VHS ALIGNMENT TAPE(PAL)	1	
		VFK0335	RETAINING RING REMOVER	1	
			(3mm/4mm)		
		VFK0387	TENSION POST ADJUSTMENT	1	
			PLATE		
		VFK0191	POST ADJUSTMENT PLATE	1	
		VFK0190	REEL TABLE HEIGHIT GAUGE	1	
		VFK0328	H-POSITION ADJUSTMENT	1	
			SCREWDRIVER		
		VFK0329	POST ADJUSTMENT SCREWDRIVER	1	
		VFK62	FAN TYPE TENSION GAUGE	1	
		VFK0326	HEX WRENCH SET	1	
		VFK0132	BACK TENSION METER	1	
		VFK0343	CHECK LIGHT	1	
		VFK0344	HEIGHIT ADJUSTMENT FIXTURE	1	
		VFK27	HEAD CLEANING STICK	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		MOR265	MORLYTONE GREASE	1	
		VFK0341	UPPER CYLINDER REMOVER	1	
		VFK0807	9 . PIN EXTENSION CABLE	1	
		VFK0808	12 PIN EXTENSION CABLE	1	
		VFK0678	18 PIN EXTENSION CABLE	1	

5-2. ELECTRICAL REPLACEMENT PARTS LIST

Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.
3.Unless otherwise specified,
All resistors are in OHMS ,K=1,000 OHMS. All capacitors are in MICRO-FARADS(uf),P=uuF.
4.The P.C.Board units marked width'■'show below the main assembled parts.
5.Printed circuit board assembly with mark(NLA) is no longer available after discontinuation of the product.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP06777E	MAIN C.B.A.	1	(NLA)NV-FS200EC
					INCLUDING THE SERVO
					PACK C.B.A(VEP02389A)
					INPUT/OUTPUT PACK
					C.B.A.(VEP03892A),
					LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03894A),
					SUB LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03895A),
					Hi-Fi AUDIO PACK
					C.B.A.(VEP04361E),
					DECODER PACK C.B.A.
					(VEP07671A),
					NICAM DECODER PACK
					C.B.A.(VEP07675D),
					TV DEMODULATOR PACK
					C.B.A.(VEP07684B).
		VEP02389A	SERVO PACK C.B.A.	1	(NLA)NV-FS200EC
					INCLUDED IN MAIN
					C.B.A.(VEP06777E).
		VEP03892A	INPUT/OUTPUT PACK C.B.A.	1	(NLA)NV-FS200EC
					INCLUDED IN MAIN
					C.B.A.(VEP06777E).
		VEP03894A	LUMINANCE & CHROMINANCE	1	(NLA)NV-FS200EC
			PACK C.B.A.		INCLUDED IN MAIN
					C.B.A.(VEP06777E).
		VEP03895A	SUB LUMINANCE & CHROMINANCE	1	(NLA)NV-FS200EC
			PACK C.B.A.		INCLUDED IN MAIN
					C.B.A.(VEP06777E).
					INCLUDING THE 1H
					DELAY CCD UNIT
					(VEP03680B).
		VEP03680B	1H DELAY CCD UNIT	1	(NLA)NV-FS200EC
					INCLUDED IN SUB
					LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03895A).
		VEP04361E	Hi-Fi AUDIO PACK C.B.A.	1	(NLA)NV-FS200EC
					INCLUDED IN MAIN
					C.B.A.(VEP06777E).
		VEP07671A	DECODER PACK C.B.A.	1	(NLA)NV-FS200EC
					INCLUDED IN MAIN
					6C.B.A.(VEP06777E).
		VEP07675D	NICAM DECODER PACK C.B.A.	1	(NLA)NV-FS200EC
					INCLUDED IN MAIN
					C.B.A.(VEP06777E).
		VEP07684B	TV DEMODULATOR PACK C.B.A.	1	(NLA)NV-FS200EC
					INCLUDED IN MAIN
					C.B.A.(VEP06777E).
		VEP06777G	MAIN C.B.A.	1	(NLA)NV-FS200B
					INCLUDING THE SERVO

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
					PACK C.B.A(VEP02389A)
					INPUT/OUTPUT PACK
					C.B.A.(VEP03892E),
					LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03894B),
					SUB LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03895A),
					Hi-Fi AUDIO PACK
					C.B.A.(VEP04361E),
					NICAM DECODER PACK
					C.B.A.(VEP07675A),
					TV DEMODULATOR PACK
					C.B.A.(VEP07680A).
		VEP02389A	SERVO PACK C.B.A.	1	(NLA)NV-FS200B
					INCLUDED IN MAIN
					C.B.A.(VEP06777G).
		VEP03892E	INPUT/OUTPUT PACK C.B.A.	1	(NLA)NV-FS200B
					INCLUDED IN MAIN
					C.B.A.(VEP06777G).
		VEP03894B	LUMINANCE & CHROMINANCE	1	(NLA)NV-FS200B
			PACK C.B.A.		INCLUDED IN MAIN
					C.B.A.(VEP06777G).
		VEP03895A	SUB LUMINANCE & CHROMINANCE	1	(NLA)NV-FS200B
			PACK C.B.A.		INCLUDED IN MAIN
					C.B.A.(VEP06777G),
					INCLUDING THE 1H
					DELAY CCD UNIT
					(VEP03680B).
		VEP03680B	1H DELAY CCD UNIT	1	(NLA)NV-FS200B
					INCLUDED IN MAIN
					C.B.A.(VEP06777G).
		VEP04361E	Hi-Fi AUDIO PACK C.B.A.	1	(NLA)NV-FS200B
					INCLUDED IN MAIN
					C.B.A.(VEP06777G).
		VEP07675A	NICAM DECODER PACK C.B.A.	1	(NLA)NV-FS200B
					INCLUDED IN MAIN
					C.B.A.(VEP06777G).
		VEP07680A	TV DEMODULATOR PACK C.B.A.	1	(NLA)NV-FS200B
					INCLUDED IN MAIN
					C.B.A.(VEP06777G).
		VEP06777F	MAIN C.B.A.	1	(NLA)NV-FS88EC
					INCLUDING THE SERVO
					PACK C.B.A(VEP02389A)
					INPUT/OUTPUT PACK
					C.B.A.(VEP03892B),
					LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03894A),
					SUB LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03895B),
					Hi-Fi AUDIO PACK
					C.B.A.(VEP04361E),
					DECODER PACK C.B.A.
					(VEP07671A),
					NICAM DECODER PACK
					C.B.A.(VEP07675D),
					TV DEMODULATOR PACK
					C.B.A.(VEP07684B).
		VEP02398A	SERVO PACK C.B.A.	1	(NLA)NV-FS88EC
					INCLUDED IN MAIN
					C.B.A.(VEP06777F).

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP03892B	INPUT/OUTPUT PACK C.B.A.	1	(NLA)NV-FS88EC
					INCLUDED IN MAIN
					C.B.A.(VEP06777F).
		VEP03894A	LUMINANCE & CHROMINANCE	1	(NLA)NV-FS88EC
			PACK C.B.A.		INCLUDED IN MAIN
					C.B.A.(VEP06777F).
		VEP03895B	SUB LUMINANCE & CHROMINANCE	1	(NLA)NV-FS88EC
			PACK C.B.A.		INCLUDED IN MAIN
					C.B.A.(VEP06777F).
		VEP04361E	Hi-Fi AUDIO PACK C.B.A.	1	(NLA)NV-FS88EC
					INCLUDED IN MAIN
					C.B.A.(VEP06777F).
		VEP07671A	DECODER PACK C.B.A.	1	(NLA)NV-FS88EC
					INCLUDED IN MAIN.
					C.B.A.(VEP06777F).
		VEP07675D	NICAM DECODER PACK C.B.A.	1	(NLA)NV-FS88EC
					INCLUDED IN MAIN
					C.B.A.(VEP06777F).
		VEP07684B	TV DEMODULATOR PACK C.B.A.	1	(NLA)NV-FS88EC
					INCLUDED IN MAIN
					C.B.A.(VEP06777F).
		VEP06777H	MAIN C.B.A.	1	(NLA)NV-FS88B
					INCLUDING THE SERVO
					PACK C.B.A(VEP02389A)
					INPUT/OUTPUT PACK
					C.B.A.(VEP03892F).
					LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03894B).
					SUB LUMINANCE &
					CHROMINANCE PACK
					C.B.A.(VEP03895B).
					Hi-Fi AUDIO PACK
					C.B.A.(VEP04361E).
					NICAM DECODER PACK
					C.B.A.(VEP07675A).
					TV DEMODULATOR PACK
					C.B.A.(VEP07680A).
		VEP02389A	SERVO PACK C.B.A.	1	(NLA)NV-FS88B
					INCLUDING THE MAIN
					C.B.A.(VEP06777H).
		VEP03892F	INPUT/OUTPUT PACK C.B.A.	1	(NLA)NV-FS88B
					INCLUDING THE MAIN
					C.B.A.(VEP06777H).
		VEP03894B	LUMINANCE & CHROMINANCE	1	(NLA)NV-FS88B
			PACK C.B.A.		INCLUDING THE MAIN
					C.B.A.(VEP06777H).
		VEP03895B	SUB LUMINANCE & CHROMINANCE	1	(NLA)NV-FS88B
			PACK C.B.A.		INCLUDING THE MAIN
					C.B.A.(VEP06777H).
		VEP04361E	Hi-Fi AUDIO PACK C.B.A.	1	(NLA)NV-FS88B
					INCLUDING THE MAIN
					C.B.A.(VEP06777H).
		VEP07675A	NICAM DECODER PACK C.B.A.	1	(NLA)NV-FS88B
					INCLUDING THE MAIN
					C.B.A.(VEP06777H).
		VEP07680A	TV DEMODULATOR PACK C.B.A.	1	(NLA)NV-FS88B
					INCLUDING THE MAIN
					C.B.A.(VEP06777H).
		VEP05170F	HEAD AMP C.B.A.	1	(NLA)

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP06779A	VR C.B.A.	1	(NLA)
					INCLUDING THE
					HEADPHONE C.B.A.
					(VEP00S65A).
		VEP00S65A	HEADPHONE C.B.A.	1	(NLA)
					INCLUDED IN VR
					C.B.A.(VEP06779A).
		VEP07664E	TIMER C.B.A.	1	(NLA)NV-FS200EC
		VEP07664H	TIMER C.B.A.	1	(NLA)NV-FS200B
		VEP07664F	TIMER C.B.A.	1	(NLA)NV-FS88EC
		VEP07664J	TIMER C.B.A.	1	(NLA)NV-FS88B
		VEP06778A	JOG C.B.A.	1	(NLA)
		VEP01381K	POWER C.B.A.	1	(NLA)<!>
					NV-FS200EC,FS88EC.
		VEP01381J	POWER C.B.A.	1	(NLA)<!>
					NV-FS200B,FS88B.
		VEP00S21A	S-VHS TERMINAL C.B.A.	1	(NLA)
		VEX0117	CYLINDER DRIVE C.B.A.	1	(NLA)
		VEP03893A	TBC C.B.A.	1	(NLA)NV-FS200EC/B.
		VEP04359A	FRONT JACK C.B.A.	1	(NLA)NV-FS200EC/B.
		VEP00K88C	FE HEAD C.B.A.	1	(NLA)
		VEP00P61A	INTERFACE C.B.A.	1	(NLA)
		VXA3825	MECHANISM CONNECTION C.B.A.	1	(NLA)
		VEK3578	PHOTO Tr. (S) C.B.A.	1	(NLA)
		--------	PHOTO Tr. (T) C.B.A.	1	(NLA)
					INCLUDED IN SLIDE
					SWITCH UNIT(VXA4642)
		ENC17984	RF CONVERTER	1	<!>NV-FS200EC,FS88EC
		ENC17982	RF CONVERTER	1	<!>NV-FS200B,FS88B
		ENV57884H6	TUENR	1	<!>NV-FS200EC,FS88EC
		ENV87837H3C	TUENR	1	<!>NV-FS200B,FS88B
F1101.02		XBA2C16TB0	FUSE	2	<!>

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP06777E	MAIN C.B.A.		(NLA)NV-FS200EC
			CONNECTORS		
BP1004		VJF0094	CONNECTOR	1	
			CAPACITORS		
C303		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C305		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C306		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C307		ECUM1H050CCN	C.CAPACITOR CH 50V 5P	1	
C308		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C309		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C310		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C311		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C312		ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C319		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C320		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C321		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C322		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C323		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C324		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C325		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C326		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C327-30		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	4	
C331,32		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C333		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C334-36		ECEA1CK100	E.CAPACITOR 16V 10U	3	
C337		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C338		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C339		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C340		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C341		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C343		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C344		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C345		ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1	
C346		ECCF1H470JC4	C.CAPACITOR 50V 47P	1	
C701,02		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	2	
C707		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	1	
C708		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C719		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C721		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C723		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C728		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C731		VCEA1CAC100	E.CAPACITOR 16V 100	1	
C732		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C736,37		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C739		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C740		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C742		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C743		ECUM1H270JSN	C.CAPACITOR CH 50V 27P	1	
C744,45		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	2	
C746		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C747		ECUM1H680JPN	C.CAPACITOR CH 50V 68P	1	
C748		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C781		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C782		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C790		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C792		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C806		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C807		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C808		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C809		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C810		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C811		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C812		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C813		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C814-16		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	3	
C817		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C818		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C819		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C820		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C821		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C822		ECRHA020D41	TRIMMER	1	
C823		ECQV1H154JZ	P.CAPACITOR 50V 0.15U	1	
C824		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C825		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C826		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C827		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C828		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C829-31		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C832,33		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C834		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C835		ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C836		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C837		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C838,39		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C840		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C841		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C842		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C843		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C844		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C845		ECQ81H332JH	P.CAPACITOR 50V 0.27U	1	
C846		ECUM1C105ZFN	C.CAPACITOR 16V 1U	1	
C847		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C848		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C849		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C850,51		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C852		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C1003		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1004		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C1009		ECEA1AK330	E.CAPACITOR 10V 33U	1	
C1010		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C1701		ECKD2H152KB	C.CAPACITOR 500V 1500P	1	
C1702		ECA1CM101	E.CAPACITOR 16V 100U	1	
C1703		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1704		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C1705		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C1706		ECA1VM100	E.CAPACITOR 35V 10U	1	
C1707		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1708		ECA1CM221	E.CAPACITOR 16V 220U	1	
C2001		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C2002		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C2003		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C2004		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C2005		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2006		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C2007		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2008		ECEA0JK101	E.CAPACITOR 6.3V. 100U	1	
C2009		VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C2010		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2011,12		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	2	
C2013,14		ECEA1HKN3R3	E.CAPACITOR 50V 3.3U	2	
C2015		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2016		ECQB1H472JZ	F.CAPACITOR 50V 4700P	1	
C2017		ECQV1H184JZ	P.CAPACITOR 50V 0.18U	1	
C2019		ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C2020		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2021		ECEA1AK470	E.CAPACITOR 10V 47U	1	
C2022		ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C2023,24		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C2025		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C2026		ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C2027		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2028		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C2029		ECQB1H392J	P.CAPACITOR 50V 3900P	1	
C2501		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C2502		ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C2503,04		ECQV1H333JZ	P.CAPACITOR 50V 0.033U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2505	ECEA1CU470	E.CAPACITOR 16V 47U	1	
C2506-09	ECQV1H333JZ	P.CAPACITOR 50V 0.033U	4	
C2510-12	ECEA1HKZR2	E.CAPACITOR 50V 2.2U	3	
C2513,14	ECUM1C105ZFN	C.CAPACITOR 16V 1U	2	
C2515	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2516	ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C2517	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C2518	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C2519	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C2520	ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C2521	ECA1EM470	E.CAPACITOR 25V	1	
C2522	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C2524,25	ECA1CM221	E.CAPACITOR 16V 220U	2	
C2526	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C2527	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C2528	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C2529	ECUM1E224ZFM	C.CAPACITOR CH 25V 0.22U	1	
C2530	ECUM1E223KBN	C.CAPACITOR CH 25V 0.023U	1	
C2531	VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C3001	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3002	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3003-05	ECEA1CK100	E.CAPACITOR 16V 10U	3	
C3006-08	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	3	
C3009	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3010	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3011	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3012,13	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C3014,15	ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C3016	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3017,18	ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3019,20	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3021,22	ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3023	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3024	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3025	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3026	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3027,28	ECEA1HK010	E.CAPACITOR 50V 1U	2	
C3029	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3033	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3034	ECA0JM331	E.CAPACITOR 6.3V 330U	1	
C3035	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3036	ECA0JM331	E.CAPACITOR 6.3V 330U	1	
C3037	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3038	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3039	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3040	ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C3041	ECEA1AKN470	E.CAPACITOR 10V 47U	1	
C3042	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3043	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3044	ECUM1H561KBN	C.CAPACITOR CH 50V 560P	1	
C3301	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3302	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C3304-08	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	5	
C3309	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3310	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3313,14	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3315	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3316	ECUM1H271JCN	C.CAPACITOR CH 50V 270P	1	
C3321	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3322	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3323	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3324	ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C3325	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3326	ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C3327,28	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3329	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3330	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3331	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3332	ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3333	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3334	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3335	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3336	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3337	ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C3338	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3339	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3340	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3341	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3342	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3343	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3344	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3345	ECUM1H391KBN	C.CAPACITOR CH 50V 390P	1	
C3346	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3347	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3349	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3350	ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C3351,52	ECUM1H181JCN	C.CAPACITOR CH 50V 180P	2	
C3353	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3354	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3355	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3356	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3357	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3358	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3359	ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C3360	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3364	ECEA0JKN470	E.CAPACITOR 6.3V 47U	1	
C3365	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3366	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3371	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C3372	ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C3382	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3501	ECEA1HKS010	E.CAPACITOR 50V 1U	1	
C3502	ECEA1CKS470	E.CAPACITOR 16V 47U	1	
C3503	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3504	ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3505	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3506	ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3507	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3508	ECEA1HKSR22	E.CAPACITOR 50V 0.22U	1	
C3509	ECEA1EKS3R3	E.CAPACITOR 25V 3.3U	1	
C3510	ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3511	ECEA0JSN470	E.CAPACITOR 6.3V 47U	1	
C3512	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3514	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3515	ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3516	ECEA1EKS3R3	E.CAPACITOR 25V 3.3U	1	
C3517,18	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	2	
C3519	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3520,21	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3801	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3802	ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C3804	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3805,06	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3807	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3808,09	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3810	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C3811,12	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3813	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C3814	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C3815	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3819	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3901,02	ECEA0JK101	E.CAPACITOR 6.3V 100U	2	
C3903	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3904	ECEA1AK470	E.CAPACITOR 10V 47U	1	
C3905	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3906	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3907	ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3908,09	ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3910	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3911,12	ECEA0JK101	E.CAPACITOR 6.3V 100U	2	
C3913	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3914	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3923-25	ECEA0JK101	E.CAPACITOR 6.3V 100U	3	
C4001	ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C4002,03	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C4005	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4006	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C4007	ECEA16M33	E.CAPACITOR 16V 33U	1	
C4008	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4009	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C4010		ECQP1222JZ	P.CAPACITOR 0.0022U	1	
C4011		ECCD2H181J	C.CAPACITOR 500V 180P	1	
C4013		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C4014,15		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C4016		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C4017		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4018		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4019		ECUM1H222JUN	C.CAPACITOR CH 50V 2200P	1	
C4020,21		ECUM1H224ZFM	C.CAPACITOR CH 50V 0.22U	2	
C4023		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4024		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4501		ECQB1H152JH	P.CAPACITOR 50V 1500P	1	
C4502		ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4503		ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4504,05		ECEA1CP2470	E.CAPACITOR 16V 47U	2	
C4506		VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4507		ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4508		ECEA1EB24R7	E.CAPACITOR 25V 4.7U	1	
C4509		ECEA1AP2470	E.CAPACITOR 10V 47U	1	
C4510		ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4511		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4512		ECUX1H561JV	C.CAPACITOR CH 50V 560P	1	
C4513		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4514		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4515		VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4517		ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4518		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4521		ECUM1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C4522		VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4528		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4530		ECEA0JPK470	E.CAPACITOR 6.3V 47U	1	
C4533		ECEA1CPZ330	E.CAPACITOR 16V 33U	1	
C4537		ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C4538		ECEA1HUR47	E.CAPACITOR 50V 0.47U	1	
C4539		ECUM1C224ZFN	C.CAPACITOR CH 16V 0.22U	1	
C4541		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4545		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4552		ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4556		VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4557		ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4558		ECEA1EB24R7	E.CAPACITOR 25V 4.7U	1	
C4559		ECEA1AP2470	E.CAPACITOR 10V 47U	1	
C4560		ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4561		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4562		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4563		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4564		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4565		VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4567		ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4568		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4572		VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4576		ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C4583		ECEA1CPZ330	E.CAPACITOR 16V 33U	1	
C4585,86		ECEA1APZ101	E.CAPACITOR 10V 100U	2	
C4591		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4592		ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4604		ECUM1H182JN	C.CAPACITOR CH 50V 1800P	1	
C4606		VCEA0JAC470	E.CAPACITOR 6.3V 47U	1	
C4611		ECQB1H182JZ	F.CAPACITOR 50V 1800P	1	
C4613		ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C4616		ECUX1H102ZFV	C.CAPACITOR CH 50V 1000P	1	
C4617		ECEA1OM22	E.CAPACITOR 10V 22U	1	
C4618		ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4619		ECEA1APB100	E.CAPACITOR 10V 10U	1	
C4621		ECEA0JPK101	E.CAPACITOR 6.3V 100U	1	
C4629		ECQB1H562JZ	P.CAPACITOR 50V 5600P	1	
C4636		ECUM1H471JN	C.CAPACITOR CH 50V 470P	1	
C4638		ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4651		ECQB1H333JA	P.CAPACITOR 50V 0.033U	1	
C4652,53		ECUM1C105ZFN	C.CAPACITOR 16V 1U	2	
C4901-04		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	4	
C4908-10		VCEA1CAD100	E.CAPACITOR 16V 10U	3	
C4912		VCEA0JAC101	E.CAPACITOR 6.3V 100U	1	
C4913		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4914		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4915		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4916		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4917		VCEA1CAD100	E.CAPACITOR 16V 10U	1	
C4918		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4919		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4920		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4921		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4922		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4923,24		ECQB1H332JH	P.CAPACITOR 50V 0.27U	2	
C4925		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4926		VCEA0JAC101	E.CAPACITOR 6.3V 100U	1	
C4927,28		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C6001		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6002		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6003,04		ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C6005		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6006		ECQB1H392J	P.CAPACITOR 50V 3900P	1	
C6007		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6009,10		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	2	
C6014		ECA0JM331	E.CAPACITOR 6.3V 330U	1	
C6015		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6016		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6017		ECA1CM222	E.CAPACITOR 16V 2200U	1	
C6018		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6019		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C6020,21		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C6022,23		ECUM1H271JCN	C.CAPACITOR CH 50V 270P	2	
C6024		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6025		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C6101		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6102		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6103		ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C6302		EECS5R5V105	TRIMMER	1	
C7302		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7303		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7304		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7305		ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	
C7306		ECQB1H102KZ	P.CAPACITOR 50V 1000P	1	
C7307		ECQB1H822KZ	P.CAPACITOR 50V 8200P	1	
C7308		ECQB1H102KZ	P.CAPACITOR 50V 1000P	1	
C7309		ECQB1H152JH	P.CAPACITOR 50V 1500P	1	
C7310		ECEA16M10	E.CAPACITOR 16V	1	
C7311		ECEA50MR47	E.CAPACITOR	1	
C7312		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7313		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7314		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7315		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7316		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7317		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C7318		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7319		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7320,21		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C7323,24		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	2	
C7331		ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C7332,33		ECUM1H102ZFN	C.CAPACITOR CH 50V 1000P	2	
C7334		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7335		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7336		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7337		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C7339		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7340		ECUM1H390JPN	C.CAPACITOR CH 50V 39P	1	
C7341		ECUM1H070DCN	C.CAPACITOR CH 50V 7P	1	
C7342		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C7343		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7345		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7346		ECUM1H390JPN	C.CAPACITOR CH 50V 39P	1	
C7347		ECUM1H070DCN	C.CAPACITOR CH 50V 7P	1	
C7348		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7349,50		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	2	
C7351,52		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7353		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7401		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7402,03		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7404		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7405,06		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C7407		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C7408		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7409		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C7651		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7653		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C7668		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7685		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C7901-03		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	3	
C7904		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7905		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7906		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7907		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7908		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7909		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7910		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7911-13		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	3	
C7914		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7915		ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7916		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7917		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7918		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7919		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7920		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7921		ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C7922		ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7923		ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7924		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7925		ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C7926		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7927		ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C7928		ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7929		ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7930		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7931		ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C7932,33		ECEA1CKN100	E.CAPACITOR 16V 10U	2	
C7934		ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7935		ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C7937		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7938		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7939,40		ECEA1HKNOR1	E.CAPACITOR 50V 0.1U	2	
C7941		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7942		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7943		ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7945		ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C7946		ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7947		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7948		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7949		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C7950-53		ECEA1CKN100	E.CAPACITOR 16V 10U	4	
C7954		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7955-60		ECEA1CK100	E.CAPACITOR 16V 10U	6	
C7961		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7963		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7964		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7965,66		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	2	
C7967		ECEA1CK100	E.CAPACITOR 16V 10U	1	
			DIODES		
D301		MA723VT	DIODE	1	(VT)
D302		MA4091-M	DIODE	1	
D303		1SS254	DIODE	1	
D304		MA151K	DIODE	1	
D710		MA3100L	DIODE	1	
D801		1SS254	DIODE	1	
D802		MA151WK	DIODE	1	
D803		MA151WK	DIODE	1	
D805		1SS254	DIODE	1	
D806		MA723VT	DIODE	1	(VT)
D807		1SS254	DIODE	1	
D808		MA151WA	DIODE	1	
D811-14		1SS254	DIODE	4	
D1005,06		1SS254	DIODE	2	
D1701		SB05-05CP	DIODE	1	
D1702		MA4300H	DIODE	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
D1703		MA185	DIODE	1	
D2002		1SS254	DIODE	1	
D2501		1SS254	DIODE	1	
D2503-10		1SS254	DIODE	8	
D2511		AK04	DIODE	1	
D2512		MA723VT	DIODE	1	(VT)
D2515		1SS254	DIODE	1	
D3001,02		MA723VT	DIODE	2	(VT)
D3004,05		1SS254	DIODE	2	
D3006		MA723VT	DIODE	1	(VT)
D3007		1SS254	DIODE	1	
D3009,10		1SS254	DIODE	2	
D3011		MA723VT	DIODE	1	(VT)
D3012		1SS254	DIODE	1	
D3301,02		1SS254	DIODE	2	
D3304		MA723VT	DIODE	1	(VT)
D3305		1SS254	DIODE	1	
D3901		MA4056MTA	DIODE	1	
D3902-04		1SS254	DIODE	3	
D4005		1SS254	DIODE	1	
D4501,02		MA151K	DIODE	2	
D4503		MA151K	DIODE	1	
D4504		MA151K	DIODE	1	
D4601,02		MA151K	DIODE	2	
D6001		MA723VT	DIODE	1	(VT)
D6002		AK04	DIODE	1	
D6003,04		MA723VT	DIODE	2	(VT)
D6005,06		1SS254	DIODE	2	
D6007		ERA15-01	DIODE	1	
D6008		AK04	DIODE	1	
D6009-15		1SS254	DIODE	7	
D6101,02		MA156	DIODE	2	
D6105		AK04	DIODE	1	
D6106-09		1SS254	DIODE	4	
D7303		MA28WA	DIODE	1	
D7304		MA3100L	DIODE	1	
D7401		MA723VT	DIODE	1	(VT)
D7403-07		1SS254	DIODE	5	
D7408		MA29W-A	DIODE	1	
D7672,73		MA3150-H	DIODE	2	
D7901-03		MA141WK	DIODE	3	
D7904		MA141K	DIODE	1	
D7905		MA141WA	DIODE	1	
D7906		MA141WK	DIODE	1	
D7907		MA141K	DIODE	1	
			DELAY LINES		
DL801		VLD0147	DELAY LINE	1	
DL802		EFDVR645A45A	DELAY LINE	1	
DL3801		EFDUN124A13N	DELAY	1	
			CONNECTORS		
FG		VJS1231R	CONNECTOR (FEMALE)	1	
			FILTERS		
FL301		VLF0639	FILTER	1	
FL302		ELB4MD22	FILTER	1	
FL303		VLF0727	FILTER	1	
FL801		ELB4WD02	FILTER	1	
FL3001		VLF0413	FILTER	1	
FL3301		ELB4R031	FILTER	1	
FL3302		VLF0766	FILTER	1	
FL3303		VLF0765	FILTER	1	
FL3501,02		VLF0523	FILTER	2	
FL3503,04		VLF0526	FILTER	2	
FL3505		ELB4HD54	FILTER	1	
FL4501		VLF0947	FILTER	1	
FL7901		VLF0703	FILTER	1	
FL7902		ELKAW103EB	FILTER	1	
FL7904-11		ELKAW103EB	FILTER	8	
FL7912-15		ELKAW101GB	COIL 100UH	4	
FL7916		VLF0633	FILTER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
FL7918		ELKAW103EB	FILTER	1	
			INTEGRATED CIRCUITS		
IC301		VEFHZ0B	IC	1	
IC302		MSM6965-3RS	IC	1	
IC701		M52014SP	IC	1	
IC801		VCR0284	IC	1	
IC802		NJM2233BMA	IC	1	
IC803		M52063SP	IC	1	
IC2001		AN3727S	IC	1	
IC2002		UPC358G2	IC	1	
IC2003		MN4066BS	IC	1	
IC2501		BA6435S	IC	1	
IC2502		UPC358G2	IC	1	
IC2503		SI-3090CLF	IC	1	
IC2504		TPIC0130N	IC	1	
IC3001,02		NJM2234MA	IC	2	
IC3003		M52055FP	IC	1	
IC3004		AN3581S	IC	1	
IC3301		M52083FP	IC	1	
IC3302		AN6308S	IC	1	
IC3504		CXL1009P	IC	1	
IC3505		AN78L09	IC	1	
IC3801		AN3497SB	IC	1	
IC3901		M52474P	IC	1	
IC3902		BA7004	IC	1	
IC4001		RC4565DD	IC	1	
IC4501		BH7770KS	IC	1	
IC4601		BA7755AF	IC	1	
IC4901		LA7155M	IC	1	
IC4902		MN4066BS	IC	1	
IC6001		MN67431VREQ	IC	1	
IC6002		MC14519BF	IC	1	
IC6003		BU5863F	IC	1	
IC6004		MN1280S	IC	1	(S)
IC7301		TDA3803A	IC	1	
IC7302		TA8721SN	IC	1	
IC7401		M66006FP	IC	1	
IC7901		TB1204F	IC	1	
IC7902		TA2009F	IC	1	
IC7903		M5238FP	IC	1	
			CONNECTORS		
J3951,52		VJS1470	CONNECTOR (FEMALE)	2	
			COILS		
L303		ELESQ101KA	COIL 100UH	1	
L304		VLQ0407101K	COIL 100UH	1	
L305,06		ELESQ101KA	COIL 100UH	2	
L308		ELESP180JA	COIL 18UH	1	
L701		ELESP680KA	COIL 68UH	1	
L711		ELQIR22XB	COIL 0.22UH	1	
L718,19		ELESP680KA	COIL 68UH	2	
L720		ELESQ150KA	COIL 15UH	1	
L781		VLQ0213K680	COIL 68UH	1	
L803,04		ELESQ101KA	COIL 100UH	2	
L805		VLQ0188J330	COIL 33UH	1	
L806,07		ELESQ681KA	COIL 680UH	2	
L808		ELESQ331KA	COIL 330UH	1	
L809		VLQ0188J470	COIL 47UH	1	
L810		VLQ0407101K	COIL 100UH	1	
L811-13		VLQ0188J150	COIL 15UH	3	
L814		VLQ0188J330	COIL 33UH	1	
L815		ELESQ101KA	COIL 100UH	1	
L2001		ELESQ101KA	COIL 100UH	1	
L2002		VLP0099	COIL	1	
L2003		VLQ0569	COIL	1	
L2004		VLQ0552	COIL	1	
L2501		ELESP102KA	COIL 1000UH	1	
L2502,03		ELESQ101KA	COIL 100UH	2	
L2505		VLQ0558K331	COIL 330UH	1	
L2506		ELC07B009	COIL	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
L3001-03		ELESQ101KA	COIL 100UH	3	
L3005		ELESQ101KA	COIL 100UH	1	
L3006		VLQ0398	COIL	1	
L3007		ELESQ101KA	COIL 100UH	1	
L3008-11		VLQ0556	COIL	4	
L3301		VLQ0188J150	COIL 15UH	1	
L3303		VLQ0188J101	COIL 100UH	1	
L3306		VLQ0188J390	COIL 39UH	1	
L3307		VLQ0188J120	COIL 12UH	1	
L3308		VLQ0188J330	COIL 33UH	1	
L3309		VLQ0188J181	COIL 180UH	1	
L3310		VLQ0188J270	COIL 27UH	1	
L3311		VLQ0188J820	COIL 82UH	1	
L3312		VLQ0188J151	COIL 150UH	1	
L3313		ELESQ681KA	COIL 680UH	1	
L3314		VLQ0188J101	COIL 100UH	1	
L3315,16		VLQ0188J5R6	COIL 5.6UH	2	
L3317		VLQ0188J120	COIL 12UH	1	
L3318,19		ELESQ101KA	COIL 100UH	2	
L3322,23		ELESQ101KA	COIL 100UH	2	
L3501-03		VLQEL05F101K	COIL 100UH	3	
L3510		VLP0053	COIL	1	
L3801		ELESQ101KA	COIL 100UH	1	
L3802,03		VLQ0188J150	COIL 15UH	2	
L3804		VLQ0188J151	COIL 150UH	1	
L3805		VLQ0188J270	COIL 27UH	1	
L3901-03		ELESQ101KA	COIL 100UH	3	
L4001		ELESP471KA	COIL 470UH	1	
L4002,03		ELESQ101KA	COIL 100UH	2	
L4501,02		ELESQ101KA	COIL 100UH	2	
L4601		VLQEL07F153J	COIL 15MH	1	
L4901		ELESP102KA	COIL 1000UH	1	
L4902,03		ELESQ101KA	COIL 100UH	2	
L4904-06		ELESP102KA	COIL 1000UH	3	
L4907-10		ELESQ101KA	COIL 100UH	4	
L4911,12		ELESP102KA	COIL 1000UH	2	
L6001		VLP0074	COIL	1	
L7301		ELESP102KA	COIL 1000UH	1	
L7401-03		ELESQ101KA	COIL 100UH	3	
L7404		ELESE1R0KA	COIL 1UH	1	
L7901,02		VLP0083	FILTER	2	
			CONNECTORS		
P001		VJS1738	CONNECTOR (FEMALE)	1	
P501		VJS1238T	CONNECTOR (FEMALE)	1	
P501		VJS1743	CONNECTOR (FEMALE)	1	
P551		VJS1741	CONNECTOR (FEMALE)	1	
P1001		VJP2593	CONNECTOR (MALE)	1	
P1001		VJS2593	CONNECTOR (FEMALE)	1	
P1101		VJS1932T	CONNECTOR (FEMALE)	1	
P1103		VJS1142	CONNECTOR (FEMALE)	1	
P1502		VJS1141	CONNECTOR (FEMALE)	1	
P2002		VJP1232T	CONNECTOR (MALE) 5P	1	
P2002		VJS1738	CONNECTOR (FEMALE)	1	
P2003		VJP1229T	CONNECTOR (MALE) 2P	1	
P2501		VJS3193B015A	CONNECTOR (FEMALE)	1	
P2502		VJP1244T	CONNECTOR (MALE) 4P	1	
P2502		VJS1231R	CONNECTOR (FEMALE)	1	
P3001		VJP3078	CONNECTOR (MALE)	1	
P3001		VJS1743	CONNECTOR (FEMALE)	1	
P3001		VJS3078	CONNECTOR (FEMALE)	1	
P3003		VJP1235T	CONNECTOR (MALE) 8P	1	
P3003		VJS1235T	CONNECTOR (FEMALE)	1	
P3004		VJP3081	CONNECTOR (MALE)	1	
P3004		VJS3081	CONNECTOR (FEMALE)	1	
P3005		VJP1231T	CONNECTOR (MALE) 4P	1	
P3005		VJS1737	CONNECTOR (FEMALE)	1	
P3006		VJP3080	CONNECTOR (MALE)	1	
P3006		VJS3080	CONNECTOR (FEMALE)	1	
P3007		VJP1229T	CONNECTOR (MALE) 2P	1	
P3007		VJS1735	CONNECTOR (FEMALE)	1	
P3301		VJP1229T	CONNECTOR (MALE) 2P	1	
P3301		VJS1735	CONNECTOR (FEMALE)	1	
P3506		VJS2776	CONNECTOR (FEMALE)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P3507	VJS2775	CONNECTOR (FEMALE)	1	
P3951	VJF0171T	CONNECTOR	1	
P3991	VJS1235T	CONNECTOR (FEMALE)	1	
P4001	VJP3103	CONNECTOR (MALE)	1	
P4002	VJP1235T	CONNECTOR (MALE) 8P	1	
P4002	VJS1741	CONNECTOR (FEMALE)	1	
P4003	VJP1229T	CONNECTOR (MALE) 2P	1	
P4003	VJS1229T	CONNECTOR (FEMALE)	1	
P4004	VJP3079	CONNECTOR (MALE)	1	
P4004	VJS3079	CONNECTOR (FEMALE)	1	
P6001	VJS3193A015A	CONNECTOR (FEMALE)	1	
P6004	VJS2571A004	CONNECTOR (FEMALE)	1	
P6501	VJS1744	CONNECTOR (FEMALE)	1	
P6502	VJS3079	CONNECTOR (FEMALE)	1	
P7403	VJS1744	CONNECTOR (FEMALE)	1	
P7501	VJS3193A016A	CONNECTOR (FEMALE)	1	
P7502	VJS1455	CONNECTOR (FEMALE)	1	
P7503	VJP3079	CONNECTOR (MALE)	1	
P9001	VJS3080	CONNECTOR (FEMALE)	1	
P9002	VJS1737	CONNECTOR (FEMALE)	1	
PK3021-24	VJR0190	PACK PIN	4	
PK7901,02	VJR0477	PACK PIN	2	
PP2501	VJP3043G010W	CONNECTOR (MALE)	1	
PP2502	VJP3043G008W	CONNECTOR (MALE)	1	
PP2503	VJP3043G012W	CONNECTOR (MALE)	1	
PP3001	VJP3044G009W	CONNECTOR (MALE)	1	
PP3002,03	VJP3044G012W	CONNECTOR (MALE)	2	
PP3011,12	VJP3042A018W	CONNECTOR (MALE)	2	
PP3301	VJP2776	CONNECTOR (MALE)	1	
PP3302	VJP2775	CONNECTOR (MALE)	1	
PP4001-03	VJP3186A018	CONNECTOR (MALE)	3	
PP7401-03	VJP3043A005W	CONNECTOR (MALE)	3	
PP7404	VJP3043A006W	CONNECTOR (MALE)	1	
PP7705	VJP3043A004W	CONNECTOR (MALE)	1	
PS701-03	VJS3043B005W	CONNECTOR (FEMALE)	3	
PS704	VJS3043B006W	CONNECTOR (FEMALE)	1	
PS2501	VJS3043B010W	CONNECTOR (FEMALE)	1	
PS2502	VJS3043F008W	CONNECTOR (FEMALE)	1	
PS2503	VJS3043F012W	CONNECTOR (FEMALE)	1	
PS3001	VJS3044F009W	CONNECTOR (FEMALE)	1	
PS3002,03	VJS3044F012W	CONNECTOR (FEMALE)	2	
PS3011,12	VJS3042F018W	CONNECTOR (FEMALE)	2	
PS4001-03	VJS3186B018	CONNECTOR (FEMALE)	3	
PS7301,02	VJR0477	PACK PIN	2	
		TRANSISTORS		
Q301-03	MSC2295	TRANSISTOR	3	
Q703	MSD601-S	TRANSISTOR	1	
Q711	2SB709	TRANSISTOR CHIP	1	(Q,R,S)
Q712	2SD1996-R	TRANSISTOR	1	
Q714	MSD601-S	TRANSISTOR	1	
Q771	MSD601	TRANSISTOR	1	
Q801	MSB709	TRANSISTOR	1	
Q802	MSD601	TRANSISTOR	1	
Q804	MSB709	TRANSISTOR	1	
Q1001	2SD1996	TRANSISTOR	1	
Q1701	2SD973B-R	TRANSISTOR	1	
Q2001	2SD1915F	TRANSISTOR	1	
Q2002	MSB709	TRANSISTOR	1	
Q2003	MSD601	TRANSISTOR	1	
Q2501	2SB772	TRANSISTOR	1	
Q3001,02	MSD601	TRANSISTOR	2	
Q3003	2SD1328	TRANSISTOR CHIP	1	
Q3004,05	MSC2295	TRANSISTOR	2	
Q3006	MSB709	TRANSISTOR	1	
Q3007	MSD601	TRANSISTOR	1	
Q3301,02	MSC2295	TRANSISTOR	2	
Q3304,05	MSD601	TRANSISTOR	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q3306	MSB709	TRANSISTOR	1	
Q3307,08	MSC2295	TRANSISTOR	2	
Q3309	MSD601	TRANSISTOR	1	
Q3310	MSB709	TRANSISTOR	1	
Q3315,16	MSC2295	TRANSISTOR	2	
Q3317	MSD601	TRANSISTOR	1	
Q3319	MSB709	TRANSISTOR	1	
Q3320	MSD601	TRANSISTOR	1	
Q3506	2SC2295	TRANSISTOR	1	
Q3507	2SB709	TRANSISTOR CHIP	1	
Q3508	2SC2295	TRANSISTOR	1	
Q3801	MSD601	TRANSISTOR	1	
Q3804	MSC2295	TRANSISTOR	1	
Q3805	MSB709	TRANSISTOR	1	
Q3901	MSD601	TRANSISTOR	1	
Q3902	2SB1320	TRANSISTOR	1	
Q3903	MSD601	TRANSISTOR	1	
Q3904	MSB709	TRANSISTOR	1	
Q3908	2SD1328	TRANSISTOR CHIP	1	
Q3909	MSD601	TRANSISTOR	1	
Q3910	MSB709	TRANSISTOR	1	
Q4002	2SB790	TRANSISTOR	1	
Q4003	MSB709	TRANSISTOR	1	
Q4004	2SB790	TRANSISTOR	1	
Q4005	2SB1321	TRANSISTOR	1	
Q4006	2SD1992A-R	TRANSISTOR	1	(R)
Q4007,08	MSD601	TRANSISTOR	2	
Q4011,12	MSD601	TRANSISTOR	2	
Q4015,16	2SD1328	TRANSISTOR CHIP	2	
Q4501	2SD655	TRANSISTOR	1	
Q4551	2SB561	TRANSISTOR	1	
Q4601,02	MSD1328	TRANSISTOR	2	
Q6001	2SD1991	TRANSISTOR	1	
Q6003	2SD893	TRANSISTOR	1	
Q6004,05	2SD1994-S	TRANSISTOR	2	(S)
Q6006	MSD602	TRANSISTOR	1	
Q6007,08	MSD601	TRANSISTOR	2	
Q6101	MSD601	TRANSISTOR	1	
Q6102	MSB709	TRANSISTOR	1	
Q7301	MSD601-S	TRANSISTOR	1	
Q7304,05	MSD601	TRANSISTOR	2	
Q7306	2SC2404-C	TRANSISTOR CHIP	1	(C,D)
Q7307	2SD1328	TRANSISTOR	1	
Q7401	2SB1320	TRANSISTOR	1	
Q7901,02	MSD601	TRANSISTOR	2	
Q7903	2SC3931CD	TRANSISTOR	1	
Q7904-07	2SB1219	TRANSISTOR	4	
Q7908,09	2SC3929	TRANSISTOR	2	
Q7910,11	2SD1820	TRANSISTOR	2	
Q7912	2SB1219	TRANSISTOR	1	
Q7913	2SB1218	TRANSISTOR	1	
Q7914,15	2SD1979-S	TRANSISTOR	2	
Q7916,17	2SB1219	TRANSISTOR	2	
		COMBINATION PARTS		
QR301	MRN2402	TRANSISTOR	1	
QR302	MRN1404	TRANSISTOR	1	
QR304,05	MRN1404	TRANSISTOR	2	
QR306	MRN1402	TRANSISTOR	1	
QR308	MRN1402	TRANSISTOR	1	
QR309	MRN2404	TRANSISTOR	1	
QR310	MRN1404	TRANSISTOR	1	
QR312	MRN1404	TRANSISTOR	1	
QR702	MRN1404	TRANSISTOR	1	
QR703	MRN2403	TRANSISTOR-RESISTOR	1	
QR704	MRN1404	TRANSISTOR	1	
QR711,12	MRN1403	TRANSISTOR	2	
QR801	MRN1404	TRANSISTOR	1	
QR802	MRN1407	TRANSISTOR	1	
QR803,04	MRN1402	TRANSISTOR	2	
QR805,06	MRN1404	TRANSISTOR	2	
QR807	MRN1402	TRANSISTOR	1	
QR808	MRN1403	TRANSISTOR	1	
QR809	MRN1404	TRANSISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
QR810		MRN2404	TRANSISTOR	1	
QR1001,02		MRN1402	TRANSISTOR	2	
QR2001,02		MRN1403	TRANSISTOR	2	
QR2502		MRN1403	TRANSISTOR	1	
QR2503		MRN1404	TRANSISTOR	1	
QR2504		MRN2404	TRANSISTOR	1	
QR3001		MRN2403	TRANSISTOR-RESISTOR	1	
QR3002-06		MRN1404	TRANSISTOR	5	
QR3008		DTC363EK	TRANSISTOR-RESISTOR	1	
QR3009		MRN2402	TRANSISTOR	1	
QR3010		MRN1402	TRANSISTOR	1	
QR3011		MRN1407	TRANSISTOR	1	
QR3012		MRN2402	TRANSISTOR	1	
QR3013		MRN1402	TRANSISTOR	1	
QR3014		MRN1404	TRANSISTOR	1	
QR3301-04		DTC363EK	COMBI.TR-R	4	
QR3305		MRN2403	TRANSISTOR-RESISTOR	1	
QR3306		DTC363EK	TRANSISTOR-RESISTOR	1	
QR3901		MRN1403	TRANSISTOR	1	
QR3902		MRN1402	TRANSISTOR	1	
QR4001		MRN1404	TRANSISTOR	1	
QR4002		MRN1402	TRANSISTOR	1	
QR4003		MRN1403	TRANSISTOR	1	
QR4004,05		MRN1402	TRANSISTOR	2	
QR4006		MRN1404	TRANSISTOR	1	
QR4007		MRN1403	TRANSISTOR	1	
QR4009,10		MRN1403	TRANSISTOR	2	
QR4012-14		MRN1404	TRANSISTOR	3	
QR4016		MRN1402	TRANSISTOR	1	
QR4017		MRN1404	TRANSISTOR	1	
QR4508,09		MRN2404	TRANSISTOR	2	
QR4510		MRN1403	TRANSISTOR	1	
QR4602		MRN2402	TRANSISTOR	1	
QR4603		MRN1404	TRANSISTOR	1	
QR4901		MRN1404	TRANSISTOR	1	
QR4902		UN211D	TRANSISTOR-RESISTOR	1	
QR6001,02		MRN2402	TRANSISTOR	2	
QR6003		MRN1402	TRANSISTOR	1	
QR6004		UN211H	IC	1	
QR6005		MRN2404	TRANSISTOR	1	
QR6006		UN211H	IC	1	
QR6007		MRN2404	TRANSISTOR	1	
QR6008		MRN2402	TRANSISTOR	1	
QR6009,10		MRN1404	TRANSISTOR	2	
QR6011,12		MRN1402	TRANSISTOR	2	
QR6014		MRN2404	TRANSISTOR	1	
QR6101		MRN1404	TRANSISTOR	1	
QR6102,03		MRN1402	TRANSISTOR	2	
QR6104		MRN1404	TRANSISTOR	1	
QR7301,02		MRN1404	TRANSISTOR	2	
QR7312-14		MRN1402	TRANSISTOR	3	
QR7315,16		MRN1404	TRANSISTOR	2	
QR7401		MRN1404	TRANSISTOR	1	
QR7402		DTC124TK	TRANSISTOR-RESISTOR	1	
QR7901,02		UN5213	TRANSISTOR	2	
QR7903		UN5112	TRANSISTOR-RESISTOR	1	
QR7904-06		UN5213	TRANSISTOR	3	
			RESISTORS		
R301,02		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R308		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R309		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R310		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R311		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R320,21		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R322		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R323		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R324		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R325		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R326		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R327		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R328		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R329		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R330		ERJ6GMYJ911	M.RESISTOR CH 1/10W 910	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R331		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R332		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R333		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R334		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R335		ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R336		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R337		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R338		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R340		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R341		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R342		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R343		ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R344		ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R345		ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R716		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R719		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R720		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R721,22		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R724		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R725		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R727		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R728		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R730		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R736		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R737		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R740		ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R742		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R743		ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R744		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R745		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R746		ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R750		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R758		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R763		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R772		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R774		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R781		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R790		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R793		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R794		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R796		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R797		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R798		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R802		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R803		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R804		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R805,06		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	2	
R807		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R809		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R810		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R811		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R812		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R813		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R814		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R815		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R816		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R817		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R818		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R819		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R820		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R821		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R822		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R823		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R824		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R825		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R826		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R831		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R832,33		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R835		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R836-38		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R839,40		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R841		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R842		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R843		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R844	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R845	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R846	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R847	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R848	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R849,50	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	2	
R851	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R852	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R853	ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R854	ERJ6GEYJ684	M.RESISTOR CH 1/10W 680K	1	
R1002	ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	
R1003	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R1004	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1701	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R1702	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R1703	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R2001,02	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2003	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2005,06	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2007	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2008,09	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	2	
R2010	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2011	ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R2012	ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2013	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2014	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2015	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2016	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2017	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2018	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2019	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R2020	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2021	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R2022,23	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R2024	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2025	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2501	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2502	ERJ6GMYG752	M.RESISTOR CH 1/10W 7.5K	1	
R2503	ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R2504	ERJ6GMYG512	M.RESISTOR CH 1/10W 5.1K	1	
R2505	ERJ6GMYG513	M.RESISTOR CH 1/10W 51K	1	
R2507	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2508-10	ERDS2TJ560	C.RESISTOR 1/4W 56	3	
R2511,12	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R2513	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2514	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2515	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2516	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2517	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2520	ERDS2TJ681	C.RESISTOR 1/4W 680	1	
R2521	ERDS1TJ681	C.RESISTOR 1/2W 680	1	
R2522	ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R2523	ERJ6GMYG123	M.RESISTOR CH 1/10W 12K	1	
R2524	ERJ6GMYG393	M.RESISTOR CH 1/10W 39K	1	
R2525	ERJ6GMYG124	M.RESISTOR CH 1/10W 120K	1	
R2526	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2528	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2529	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R2530	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R2531	ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2532	ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R2534	ERSF30JR90	M.RESISTOR 0.9	1	
R2535	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2537	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2538	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R2539	ERJ6GMYJ622	M.RESISTOR CH 1/10W 6.2K	1	
R2540	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2541	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R2542	ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R2543	ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2544	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3001,02	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	2	
R3003,04	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3005,06	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R3007	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3008	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3009	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3010	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3011	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3012	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3013	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3014	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3015	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3016	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3018,19	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R3020	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3021	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3022,23	ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	2	
R3024	ERJ6GMYG471	M.RESISTOR CH 1/10W 470	1	
R3025	ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	1	
R3026	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3027	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3028	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3029	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3030	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3031	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3032	ERJ6GMYG202	M.RESISTOR CH 1/10W 2K	1	
R3033	ERJ6GMYG222	M.RESISTOR CH 1/10W 2.2K	1	
R3034,35	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R3037	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3038	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3039-42	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	4	
R3044	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3045	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3301	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3302	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3303	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3304	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3305	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3306	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3308	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3310	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3311-13	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R3320,21	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3322	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3323	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3324	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3325,26	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3327	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R3328	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3329	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3330	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3331	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3332	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3333	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3334	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3335	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3336,37	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R3338	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3339	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3340	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3341	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R3342	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3343	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3344-47	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	4	
R3348	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3349	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3350	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3351	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3352	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3353,54	ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	2	
R3355	ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3356	ERJ6GMYG112	M.REISITOR CH 1/10W 1.1K	1	
R3366	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3367	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R3368	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3369	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3370	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3371	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3375,76	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R3377		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3378		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3379		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R3380		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3387		ERJ6GMYG202	M.RESISTOR CH 1/10W 2K	1	
R3388		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3390		ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	1	
R3392		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3393		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3501		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R3502		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R3503		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3504		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3505		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R3506		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3507		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R3508,09		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	2	
R3510		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R3517		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3535		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3802		ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3803		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3804		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3806		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3807		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3809		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3810		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3811		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R3812		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R3813		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3814		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3822		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3823		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3824,25		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R3826		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3901-04		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	4	
R3905		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R3906		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3907		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3908,09		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	2	
R3910		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3916		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3917		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3918		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3919		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3920		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3921		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3922		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R3923,24		ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	2	
R3926,27		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R3928		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3938,39		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R3940		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3941-44		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	4	
R3945,46		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R3947,48		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R3949		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3950		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3951-53		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	3	
R4001		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R4003,04		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R4005		ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4006,07		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R4008		ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4009		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4010		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4012		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4013		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4014		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4015		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4018		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4019		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4022		ERJ6GMYG100	M.RESISTOR CH 1/10W 10	1	
R4025		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4026		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R4033		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4034		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4035		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4036		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R4037		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4038,39		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R4040		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4041,42		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	2	
R4044		ERJ6GMYG433	M.RESISTOR CH 1/10W 43K	1	
R4045		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4047		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4048-51		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	4	
R4052		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4053		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4054		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4055		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4101		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4102		ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R4103		ERJ6GMYG682	M.RESISTOR CH 1/10W 6.8K	1	
R4104		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4501,02		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4503		VRE0071E36C	M.RESISTOR	1	
R4504,05		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	2	
R4506,07		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R4508		ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4509		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4510		ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R4511		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4512		VRE0034E163	M.RESISTOR CH 1/10W 16K	1	
R4513		ERJ3GEYG103	M.RESISTOR CH 1/16W 10K	1	
R4514,15		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	2	
R4518,19		ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	2	
R4522		ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R4527		VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4528		VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R4529		ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4530		ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4534		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4535		ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4539		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4540		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4541		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4542		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4543		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R4551,52		ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R4553		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4554		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4558		ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4561		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4562		VRE0034E10C	M.RESISTOR 1/10W	1	
R4563		ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	1	
R4568		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4569		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4573		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4577		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4578		VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
R4581		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4583		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4584		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4585		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4586		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4587,88		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R4591		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4592		ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R4593		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4594		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4603		ERJ3GEYG183	M.RESISTOR CH 1/16W 18K	1	
R4606		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4610		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4611		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R4612		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R4613		ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R4615		ERJ6GEYJ133	M.RESISTOR CH 1/10W 13K	1	
R4616		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4638		ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R4649		ERJ3GEYG470	M.RESISTOR 1/16W 47	1	
R4651		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R4652		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4653		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R4654		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4655		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4656		ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	1	
R4657		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4666		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4901		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4902		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4903		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4904		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4905		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4906		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4907		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4908		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4909,10		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	2	
R4911		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4912		ERJ6GEYG163	M.RESISTOR CH 1/10W 16K	1	
R4913,14		ERJ6GEYG433	M.RESISTOR CH 1/10W 43K	2	
R4915		ERJ6GEYG163	M.RESISTOR CH 1/10W 16K	1	
R4916		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4917-20		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	4	
R4921		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4922,23		ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	2	
R4924		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4925,26		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R4927,28		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	2	
R5001		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R5002		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R5003		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R5004		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R5005		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R5006,07		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R5008-10		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	3	
R5011		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R5012		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R5013		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R5014-20		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	7	
R5021		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R5022		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R5023		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R5027		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R5028		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R5029		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R5030		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R5031		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R5032		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R5033		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R5034		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R5035		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R5036		ERJ6GEYG201	M.RESISTOR CH 1/10W 200	1	
R5037		ERG2SJ150	M.RESISTOR 2W 15	1	
R5038		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R5039		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R5040		ERD2FCG220	C.RESISTOR 2W 22	1	<!>
R5041		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R5043,44		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	2	
R5045		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R5046		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R5047		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R5048,49		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R5050,51		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R5052		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R5053		ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R5054		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R5055		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R5057		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R5058		ERJ6GEYG131	M.RESISTOR CH 1/10W 130	1	
R5059		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R5060,61		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R5062		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R5063		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R5064		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R6101		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6102,03		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6104,05		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6108,09		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R6110		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6111		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6305		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7302		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7303		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7304		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7305		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7306		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7307		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7308		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R7309		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R7310		ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R7311		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7312		ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R7313		ERJ6GEYJ824	M.RESISTOR CH 1/10W 820K	1	
R7314,15		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	2	
R7316		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7317		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7318		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R7321		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7322		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7323		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7324,25		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	2	
R7329		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7330		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7334-37		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	4	
R7338		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7339		ERJ6GEYJ330	M.RESISTOR CH 1/10W 33	1	
R7340		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7341		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R7342		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7345		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7346		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7347		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R7348		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7349		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7351-53		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R7354,55		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R7401		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7402		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7403		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R7405-13		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	9	
R7416,17		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7419		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7420,21		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R7422-24		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	3	
R7656		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7676		ERG1SJ152	M.RESISTOR 1W 1.5K	1	
R7901		ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R7902		ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R7903		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7904		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7905		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7906		ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	1	
R7907		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R7908		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7909-12		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	4	
R7913-15		ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	3	
R7917		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7918-21		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R7922		ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7923		ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R7924-26		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R7927		ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7928		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7929		ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7930		ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R7931-33		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R7934		ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7935		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7936		ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R7937		ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7938		ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7939		ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R7940		ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R7941		ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7942		ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7943		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7944		ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R7945		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7946,47		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R7948		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7949		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7950		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7951,52		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	2	
R7953		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7954,55		ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	2	
R7956		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7957		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7958,59		ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	2	
R7960,61		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R7964		ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R7965-72		ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	8	
R7973-77		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R7978		ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7979		ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R7980		ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7981,82		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R7983,84		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R7985,86		ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	2	
R7987		ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7988		ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R7989		ERDS2TJ823	C.RESISTOR 1/4W 82K	1	
			SWITCHES		
SW3901		VSS0157	SWITCH	1	
			TRANSFORMERS		
T703		EIV5EC046A	TRANSFORMER	1	
T704		EIV5EC006A1	TRANSFORMER	1	
T1701		VLT0683	TRANSFORMER	1	
T4001		EIQ7QF013Q	TRANSFORMER	1	
T7301		EIR7QG001B	IF TRANSFORMER	1	
T7302,03		EIL7QH012Q	TRANSFORMER	2	
T7304		EIS5EC007A	TRANSFORMER	1	
T7305		EIS5EC005A	TRANSFORMER	1	
			VARIABLE RESISTORS		
VR301		EVN49CA00B23	V.RESISTOR	1	
VR302,03		EVN49CA00B13	V.RESISTOR	2	
VR304		EVMF6SA00B23	V.RESISTOR 2K	1	
VR701,02		EVTF6SA00B53	V.RESISTOR	2	
VR741		EVNDXAA00B14	V.RESISTOR 10K	1	
VR801		EVND1AA00B14	V.RESISTOR 10K	1	
VR802		EVMF6SA00B14	V.RESISTOR 10K	1	
VR2001		EVNDXAA00B54	V.RESISTOR 50K	1	
VR2006		EVNDXAA00B15	V.RESISTOR 100K	1	
VR2011		EVNDXAA00B15	V.RESISTOR 100K	1	
VR2018,19		EVNDXAA00B15	V.RESISTOR 100K	2	
VR3001-03		EVNDXAA00B23	V.RESISTOR 2K	3	
VR3004		VRV0148B473I	V.RESISTOR	1	
VR3301		EVMF6SA00B24	V.RESISTOR 20K	1	
VR3302		EVN49CA00B54	V.RESISTOR	1	
VR3304,05		EVN49CA00B52	V.RESISTOR 500	2	
VR3306		EVNDXAA00B23	V.RESISTOR 2K	1	
VR3801		EVMF6SA00B13	V.RESISTOR	1	
VR3802		EVMF6SA00B23	V.RESISTOR 2K	1	
VR4001		EVNDXAA00B25	V.RESISTOR 200K	1	
VR4501		EVMFLSA00B53	V.RESISTOR	1	
VR4502		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4507		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4509		EVMFLSA00BY3	V.RESISTOR	1	
VR4512		EVNDXAA00B52	V.RESISTOR 500	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
VR4550		EVMFLSA00BS3	V.RESISTOR	1	
VR4551,52		EVMF6SA00B55	V.RESISTOR	2	
VR7301		EVMF6SA00B14	V.RESISTOR 10K	1	
VR7326		EVMF6SA00B52	V.RESISTOR	1	
VR7328		EVMF6SA00B52	V.RESISTOR	1	
VR7340		EVNE4AA00B14	V.RESISTOR 10K	1	
VR7342		EVNE4AA00B53	V.RESISTOR 5K	1	
VR7344		EVNE4AA00B14	V.RESISTOR 10K	1	
VR7901,02		EVNDXAA00B14	V.RESISTOR 10K	2	
VR7903		EVTF6SA00B55	V.RESISTOR	1	
			CRYSTAL OSCILLATORS		
X301		VSX0225	CRYSTAL OSCILLATOR	1	
X710		EFCH38MGQ1	CRYSTAL OSCILLATOR	1	
X713		EFCS5R5MW5	FILTER	1	
X801		VSX0406	CRYSTAL OSCILLATOR	1	
X3502		VSX0323	CRYSTAL OSCILLATOR	1	
X3901		VSX0099	CRYSTAL OSCILLATOR	1	
X6001		VSX0415	CRYSTAL OSCILLATOR	1	
X6002		VSX0258	CRYSTAL OSCILLATOR	1	
X6003		VSQ0565	CRYSTAL OSCILLATOR	1	
X7301,02		EFCS5R5MS5B	CRYSTAL OSCILLATOR	2	
X7303,04		EFCS5R74MS5B	CRYSTAL OSCILLATOR	2	
X7305		ELE5A016	FILTER	1	
X7901		VSX0514	CRYSTAL OSCILLATOR	1	
X7902		VSX0512	CRYSTAL OSCILLATOR	1	
X7903		EFCA5504BF	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJH0650	JACK PLATE	1	
		ENC17984	RF CONVERTER	1	<!>
		VWJ0666	FLAT CADE CABLE 16P	1	
		VWJ0667	FLAT CADE CABLE 18P	1	
		VWJ04NB080Q0	FLAT CADE CABLE	1	(P6002-P1503)
		VMT0199	PLATE SPACER	1	
		VMZ1352	HEAT SINK COVER	1	FOR SERVO PACK C.B.A.
		VEJ1229	JACK PLATE UNIT	1	FOR INPUT/OUTPUT PACK
		VGU2707	EDIT KNOB	1	FOR INPUT/OUTPUT PACK
		VSC2911	SHIELD COVER (TOP)	2	FOR 1H DELAY CCD UNIT
		VSC2912	SHIELD COVER (MAIN)	1	FOR 1H DELAY CCD UNIT
		VSC3553	SHIELD COVER (MAIN)	1	FOR NICAM DECODER
		VSC3554	SHIELD COVER (TOP)	1	FOR NICAM DECODER
		VSC3555	SHIELD COVER (BOTTOM)	1	FOR NICAM DECODER
		ENV57884H6	TUNER	1	<!>FOR TV DEMODULATOR
		VSC3242	SHIELD COVER (MAIN)	1	FOR TV DEMO. C.B.A.
		VSC3241	SHIELD COVER (TOP)	1	FOR TV DEMO. C.B.A.
	■	VEP06777G	MAIN C.B.A.		(NLA)NV-FS200B
			CONNECTORS		
BP1004		VJF0094	CONNECTOR	1	
			CAPACITORS		
C303		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C305		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C306		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C307		ECUM1H050CCN	C.CAPACITOR CH 50V 5P	1	
C308		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C309		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C310		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C311		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C312		ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C319		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C320		ECUM1HZ70JCN	C.CAPACITOR CH 50V 27P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C321		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C322		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C323		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C324		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C325		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C326		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C327-30		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	4	
C331,32		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C333		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C334-36		ECEA1CK100	E.CAPACITOR 16V 10U	3	
C337		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C338		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C339		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C340		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C341		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C343		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C344		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C345		ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1	
C346		ECCF1H470JC4	C.CAPACITOR 50V 47P	1	
C701		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C702		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C706		ECUV1H1042FN	C.CAPACITOR CH 50V 0.1U	1	
C708		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C719		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C720		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C721		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C723		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C728		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C731		VCEA1CAC100	E.CAPACITOR 16V 10U	1	
C732		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C735		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C736,37		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C739		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C740		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C742		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C743		ECUM1H270JSN	C.CAPACITOR CH 50V 27P	1	
C744,45		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	2	
C746		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C747		ECUM1H680JPN	C.CAPACITOR CH 50V 68P	1	
C748		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C749		ECEA1CPK100	E.CAPACITOR 16V 10U	1	
C760		ECQV1H563JZ	P.CAPACITOR 50V 0.056U	1	
C761		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C806		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C807		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C808		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C809		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C810		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C811		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C812		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C813		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C814-16		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	3	
C817		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C818		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C819		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C820		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C821		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C822		ECRHA020D41	TRIMMER	1	
C823		ECQV1H154JZ	P.CAPACITOR 50V 0.15U	1	
C824		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C826		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C827		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C828		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C829-31		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C832,33		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	2	
C834		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C835		ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C836		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C837		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C838,39		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C840		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C841		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C842		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C843		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C844		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C845		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C846		ECUM1C105ZFN	C.CAPACITOR 16V 1U	1	
C847		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C848		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C849		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C850,51		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C852		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C1009		ECEA1AK330	E.CAPACITOR 10V 33U	1	
C1010		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C1701		ECKD2H152KB	C.CAPACITOR 500V 1500P	1	
C1702		ECA1CM101	E.CAPACITOR 16V 100U	1	
C1703		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1704		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C1705		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C1706		ECA1VM100	E.CAPACITOR 35V 10U	1	
C1707		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1708		ECA1CM221	E.CAPACITOR 16V 220U	1	
C2001		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C2002		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C2003		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C2004		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C2005		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2006		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C2007		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2008		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C2009		VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C2010		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2011,12		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	2	
C2013,14		ECEA1HKN3R3	E.CAPACITOR 50V 3.3U	2	
C2015		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2016		ECQB1H472JZ	F.CAPACITOR 50V 4700P	1	
C2017		ECQV1H184JZ	P.CAPACITOR 50V 0.18U	1	
C2019		ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C2020		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2021		ECEA1AK470	E.CAPACITOR 10V 47U	1	
C2022		ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C2023,24		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C2025		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C2026		ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C2027		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2028		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C2029		ECQB1H392J	P.CAPACITOR 50V 3900P	1	
C2501		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C2502		ECAOJM221	E.CAPACITOR 6.3V 220U	1	
C2503,04		ECQV1H333JZ	P.CAPACITOR 50V 0.033U	2	
C2505		ECEA1CU470	E.CAPACITOR 16V 47U	1	
C2506-09		ECQV1H333JZ	P.CAPACITOR 50V 0.033U	4	
C2510-12		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	3	
C2513,14		ECUM1C105ZFN	C.CAPACITOR 16V 1U	2	
C2515		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2516		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C2517		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C2518		ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C2519		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C2520		ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C2521		ECA1EM470	E.CAPACITOR 25V	1	
C2522		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C2524,25		ECA1CM221	E.CAPACITOR 16V 220U	2	
C2526		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C2527		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C2528		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C2529		ECUM1E2242FM	C.CAPACITOR CH 25V 0.22U	1	
C2530		ECUM1E223KBN	C.CAPACITOR CH 25V 0.023U	1	
C2531		VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C3001		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3002		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C3003-05		ECEA1CK100	E.CAPACITOR 16V 10U	3	
C3006-08		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	3	
C3009		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3010		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3011		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C3012,13		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C3014,15		ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C3016		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3017,18		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3019,20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3021,22		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3023		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3024		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3025		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3026		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3027,28		ECEA1HK010	E.CAPACITOR 50V 1U	2	
C3029		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3033		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3034		ECA0JM331	E.CAPACITOR 6.3V 330U	1	
C3035		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3036		ECA0JM331	E.CAPACITOR 6.3V 330U	1	
C3037		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3038		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3039		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3040		ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C3041		ECEA1AKN470	E.CAPACITOR 10V 47U	1	
C3042		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3043		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3044		ECUM1H561KBN	C.CAPACITOR CH 50V 560P	1	
C3301		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3302		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C3304-08		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	5	
C3309		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3310		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3313,14		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3315		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3316		ECUM1H271JCN	C.CAPACITOR CH 50V 270P	1	
C3321		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3322		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3323		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3324		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C3325		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3326		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C3327,28		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3329		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3330		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3331		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3332		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3333		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3334		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3335		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3336		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3337		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C3338		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3339		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3340		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3341		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3342		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3343		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3344		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3345		ECUM1H391KBN	C.CAPACITOR CH 50V 390P	1	
C3346		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3347		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3349		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3350		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C3351,52		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	2	
C3353		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3354		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3355		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3356		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3357		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3358		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3359		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C3360		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3364		ECEA0JKN470	E.CAPACITOR 6.3V 47U	1	
C3365		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3366		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3371		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C3372		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C3382		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C3501		ECEA1HKS010	E.CAPACITOR 50V 1U	1	
C3502		ECEA1CKS470	E.CAPACITOR 16V 47U	1	
C3503		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3504		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3505		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3506		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3507		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3508		ECEA1HKSR22	E.CAPACITOR 50V 0.22U	1	
C3509		ECEA1EKS3R3	E.CAPACITOR 25V 3.3U	1	
C3510		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3511		ECEA0JSN470	E.CAPACITOR 6.3V 47U	1	
C3512		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3514		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3515		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3516		ECEA1EKS3R3	E.CAPACITOR 25V 3.3U	1	
C3517,18		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	2	
C3519		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3520,21		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3801		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3802		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C3804		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3805,06		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3807		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3808,09		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3810		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C3811,12		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3813		ECUM1H471KBN	C.CAPACITOR CH.50V 470P	1	
C3814		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C3815		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3819		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3901,02		ECEA0JK101	E.CAPACITOR 6.3V 100U	2	
C3903		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3904		ECEA1AK470	E.CAPACITOR 10V 47U	1	
C3905		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3906		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3907		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3908,09		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3910		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3911,12		ECEA0JK101	E.CAPACITOR 6.3V 100U	2	
C3913		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3914		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3915		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3916		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C3917		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3918		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C3919		ECUM1H103ZFN	C.CAPAGITOR CH 50V 0.01U	1	
C3920		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3921-24		ECEA0JK101	E.CAPACITOR 6.3V 100U	4	
C4001		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C4002,03		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C4005		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4006		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C4007		ECEA16M33	E.CAPACITOR 16V 33U	1	
C4008		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4009		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4010		ECQP1222JZ	P.CAPACITOR 0.0022U	1	
C4011		ECCD2H181J	C.CAPACITOR 500V 180P	1	
C4013		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C4014,15		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C4016		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C4017		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4018		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4019		ECUM1H222JUN	C.CAPACITOR CH 50V 2200P	1	
C4020,21		ECUM1H224ZFM	C.CAPACITOR CH 50V 0.22U	2	
C4023		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4024		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4501		ECQB1H152JH	P.CAPACITOR 50V 1500P	1	
C4502		ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4503		ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4504,05		ECEA1CPZ470	E.CAPACITOR 16V 47U	2	
C4506		VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4507		ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4508		ECEA1EBZ4R7	E.CAPACITOR 25V 4.7U	1	
C4509		ECEA1APZ470	E.CAPACITOR 10V 47U	1	
C4510		ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4511	ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4512	ECUX1H561JV	C.CAPACITOR CH 50V 560P	1	
C4513	ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4514	ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4515	VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4517	ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4518	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4521	ECUM1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C4522	VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4528	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4530	ECEA0JPK470	E.CAPACITOR 6.3V 47U	1	
C4533	ECEA1CPZ330	E.CAPACITOR 16V 33U	1	
C4537	ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C4538	ECEA1HUR47	E.CAPACITOR 50V 0.47U	1	
C4539	ECUM1C224ZFN	C.CAPACITOR CH 16V 0.22U	1	
C4541	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4545	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4552	ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4556	VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4557	ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4558	ECEA1EBZ4R7	E.CAPACITOR 25V 4.7U	1	
C4559	ECEA1APZ470	E.CAPACITOR 10V 47U	1	
C4560	ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4561	ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4562	ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4563	ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4564	ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4565	VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4567	ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4568	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4572	VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4576	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C4583	ECEA1CPZ330	E.CAPACITOR 16V 33U	1	
C4585,86	ECEA1APZ101	E.CAPACITOR 10V 100U	2	
C4591	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4592	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4604	ECUM1H182JN	C.CAPACITOR CH 50V 1800P	1	
C4606	VCEA0JAC470	E.CAPACITOR 6.3V 47U	1	
C4611	ECQB1H182JZ	F.CAPACITOR 50V 1800P	1	
C4613	ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C4616	ECUX1H102ZFV	C.CAPACITOR CH 50V 1000P	1	
C4617	ECEA1CM22	E.CAPACITOR 10V 22U	1	
C4618	ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4619	ECEA1APB100	E.CAPACITOR 10V 10U	1	
C4621	ECEA0JPK101	E.CAPACITOR 6.3V 100U	1	
C4629	ECQB1H562JZ	P.CAPACITOR 50V 5600P	1	
C4636	ECUM1H471JN	C.CAPACITOR CH 50V 470P	1	
C4638	ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4651	ECQB1H333JA	P.CAPACITOR 50V 0.033U	1	
C4652,53	ECUM1C105ZFN	C.CAPACITOR 16V 1U	2	
C4901-04	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	4	
C4908-10	VCEA1CAD100	E.CAPACITOR 16V 10U	3	
C4912	VCEA0JAC101	E.CAPACITOR 6.3V 100U	1	
C4913	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4914	ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4915	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4916	ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4917	VCEA1CAD100	E.CAPACITOR 16V 10U	1	
C4918	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4919	ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4920	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4921	ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4922	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4923,24	ECQB1H332JH	P.CAPACITOR 50V 0.27U	2	
C4925	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4926	VCEA0JAC101	E.CAPACITOR 6.3V 100U	1	
C4927,28	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C6001	ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6002	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6003,04	ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C6005	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6006	ECQB1H392J	P.CAPACITOR 50V 3900P	1	
C6007	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6009,10	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	2	
C6014	ECA0JM331	E.CAPACITOR 6.3V 330U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C6015	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6016	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6017	ECA1CM222	E.CAPACITOR 16V 2200U	1	
C6018	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6019	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C6020,21	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C6022,23	ECUM1H271JCN	C.CAPACITOR CH 50V 270P	2	
C6024	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6025	ECEA1HKZR2	E.CAPACITOR 50V 2.2U	1	
C6101	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6102	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6103	ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C6302	EPCSSR5V105	TRIMMER	1	
C7401	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7402,03	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7404	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7405,06	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7407	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7408	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7409	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7651	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7653	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	
C7654	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C7655,56	ECEA1HKD10	E.CAPACITOR 50V 1U	2	
C7657	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7658	ECQP1H562JZ	P.CAPACITOR 50V 5600P	1	
C7659	ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7661	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7662	ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C7663	ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C7664	ECQB1H273JH	P.CAPACITOR 50V 0.027U	1	
C7665,66	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7667	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7670	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7675	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C7676,77	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7680	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C7681,82	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7901-03	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	3	
C7904	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7905	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7906	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7907	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7908	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7909	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7910	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7911-13	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	3	
C7914	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7915	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7916	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7917	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7918	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7919	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7920	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7921	ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C7922	ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7923	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7924	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7925	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C7926	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7927	ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C7928	ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7929	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7930	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7931	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C7932,33	ECEA1CKN100	E.CAPACITOR 16V 10U	2	
C7934	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7935	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C7937	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7938	ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7939,40	ECEA1HKN0R1	E.CAPACITOR 50V 0.1U	2	
C7941	ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7942	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7943	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7945	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C7946		ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7947		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7948		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7949		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C7950-53		ECEA1CKN100	E.CAPACITOR 16V 10U	4	
C7954		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7955-58		ECEA1CK100	E.CAPACITOR 16V 10U	4	
C7960		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7961		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7963		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7964		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7965,66		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	2	
C7967		ECEA1CK100	E.CAPACITOR 16V 10U	1	
			DIODES		
D301		MA723VT	DIODE	1	(VT)
D302		MA4091-M	DIODE	1	
D303		1SS254	DIODE	1	
D304		MA151K	DIODE	1	
D710		MA3100L	DIODE	1	
D771		MA151WK	DIODE	1	
D772		MA165VT	DIODE	1	
D801		1SS254	DIODE	1	
D802		MA151WK	DIODE	1	
D803		MA151WK	DIODE	1	
D805		1SS254	DIODE	1	
D806		MA723VT	DIODE	1	(VT)
D807		1SS254	DIODE	1	
D808		MA151WA	DIODE	1	
D811		1SS254	DIODE	1	
D813,14		1SS254	DIODE	2	
D1006		1SS254	DIODE	1	
D1701		SB05-05CP	DIODE	1	
D1702		MA4300H	DIODE	1	
D1703		MA185	DIODE	1	
D2002		1SS254	DIODE	1	
D2501		1SS254	DIODE	1	
D2503-10		1SS254	DIODE	8	
D2511		AK04	DIODE	1	
D2512		MA723VT	DIODE	1	(VT)
D2515		1SS254	DIODE	1	
D3001,02		MA723VT	DIODE	2	(VT)
D3004,05		1SS254	DIODE	2	
D3006		MA723VT	DIODE	1	(VT)
D3007		1SS254	DIODE	1	
D3009,10		1SS254	DIODE	2	
D3011		MA723VT	DIODE	1	(VT)
D3301,02		1SS254	DIODE	2	
D3304		MA723VT	DIODE	1	(VT)
D3305		1SS254	DIODE	1	
D3901		MA4056MTA	DIODE	1	
D3902,03		1SS254	DIODE	2	
D4005		1SS254	DIODE	1	
D4501,02		MA151K	DIODE	2	
D4503		MA151K	DIODE	1	
D4504		MA151K	DIODE	1	
D4601,02		MA151K	DIODE	2	
D6001		MA723VT	DIODE	1	(VT)
D6002		AK04	DIODE	1	
D6003,04		MA723VT	DIODE	2	(VT)
D6005,06		1SS254	DIODE	2	
D6007		ERA15-01	DIODE	1	
D6008		AK04	DIODE	1	
D6009-11		1SS254	DIODE	3	
D6013-15		1SS254	DIODE	3	
D6101,02		MA156	DIODE	2	
D6105		AK04	DIODE	1	
D6106-09		1SS254	DIODE	4	
D7401		MA723VT	DIODE	1	(VT)
D7403-07		1SS254	DIODE	5	
D7408		MA29W-A	DIODE	1	
D7601		MA151WK	DIODE	1	
D7602		MA3082M	DIODE	1	
D7901,02		MA141WK	DIODE	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
D7904		MA141K	DIODE	1	
D7905		MA141WA	DIODE	1	
D7906		MA141WK	DIODE	1	
D7907		MA141K	DIODE	1	
			DELAY LINES		
DL801		VLD0147	DELAY LINE	1	
DL802		EFDVR645A45A	DELAY LINE	1	
DL3801		EFDUN124A13N	DELAY	1	
			CONNECTORS		
PG		VJS1231R	CONNECTOR (FEMALE)	1	
			FILTERS		
FL301		VLF0639	FILTER	1	
FL302		ELB4M022	FILTER	1	
FL303		VLF0727	FILTER	1	
FL801		ELB4W002	FILTER	1	
FL3301		ELB4R031	FILTER	1	
FL3302		VLF0766	FILTER	1	
FL3303		VLF0765	FILTER	1	
FL3501,02		VLF0523	FILTER	2	
FL3503,04		VLF0526	FILTER	2	
FL3505		ELB4H054	FILTER	1	
FL4501		VLF0947	FILTER	1	
FL7901		VLF0702	FILTER	1	
FL7902		ELKAW103EB	FILTER	1	
FL7903		ELKAW101GB	COIL 100UH	1	
FL7904,05		ELKAW103EB	FILTER	2	
FL7907-11		ELKAW103EB	FILTER	5	
FL7914,15		ELKAW101GB	COIL 100UH	2	
FL7916		VLF0633	FILTER	1	
			INTEGRATED CIRCUITS		
IC301		VEFH20B	IC	1	
IC302		MSM6965-3RS	IC	1	
IC701		M52014SP	IC	1	
IC801		VCR0284	IC	1	
IC802		NJM2233EMA	IC	1	
IC803		M52063SP	IC	1	
IC2001		AN3727S	IC	1	
IC2002		UPC358G2	IC	1	
IC2003		MN4066BS	IC	1	
IC2501		BA6435S	IC	1	
IC2502		UPC358G2	IC	1	
IC2503		SI-3090CLF	IC	1	
IC2504		TPIC0130N	IC	1	
IC3001,02		NJM2234MA	IC	2	
IC3003		M52055FP	IC	1	
IC3004		AN3581S	IC	1	
IC3301		M52083FP	IC	1	
IC3302		AN6308S	IC	1	
IC3504		CXL1009P	IC	1	
IC3505		AN78L09	IC	1	
IC3801		AN3497SB	IC	1	
IC3901		M52474P	IC	1	
IC3902		BA7004	IC	1	
IC3903		AN3916	IC	1	
IC4001		RC4565DD	IC	1	
IC4501		BH7770KS	IC	1	
IC4601		BA7755AF	IC	1	
IC4901		LA7155M	IC	1	
IC4902		MN4066BS	IC	1	
IC6001		MN67431VRBQ	IC	1	
IC6002		MC14519BF	IC	1	
IC6003		BU5863F	IC	1	
IC6004		MN1280S	IC	1	(S)
IC7401		M66006FP	IC	1	
IC7651		AN5421	IC	1	
IC7652		AN5043	IC	1	
IC7653		MN4066BS	IC	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
IC7901		TB1204F	IC	1	
IC7902		TA2009F	IC	1	
IC7903		M5238FP	IC	1	
			CONNECTORS		
J3951,52		VJS1470	CONNECTOR (FEMALE)	2	
			COILS		
L303		ELESQ101KA	COIL 100UH	1	
L304		VLQ0407101K	COIL 100UH	1	
L305,06		ELESQ101KA	COIL 100UH	2	
L308		ELESP180JA	COIL 18UH	1	
L701		ELESP680KA	COIL 68UH	1	
L713		VLQ0213K1R2	COIL 1.2UH	1	
L714		ELQT1R2KB	COIL 1.2UH	1	
L718		ELESP680KA	COIL 68UH	1	
L719		ELESQ150KA	COIL 15UH	1	
L803,04		ELESQ101KA	COIL 100UH	2	
L805		VLQ0188J330	COIL 33UH	1	
L806,07		ELESQ681KA	COIL 680UH	2	
L808		ELESQ331KA	COIL 330UH	1	
L809		VLQ0188J470	COIL 47UH	1	
L810		VLQ0407101K	COIL 100UH	1	
L811-13		VLQ0188J150	COIL 15UH	3	
L814		VLQ0188J330	COIL 33UH	1	
L815		ELESQ101KA	COIL 100UH	1	
L2001		ELESQ101KA	COIL 100UH	1	
L2002		VLP0099	COIL	1	
L2003		VLQ0569	COIL	1	
L2004		VLQ0552	COIL	1	
L2501		ELESP102KA	COIL 1000UH	1	
L2502,03		ELESQ101KA	COIL 100UH	2	
L2505		VLQ0558K331	COIL 330UH	1	
L2506		ELC07B009	COIL	1	
L3001-03		ELESQ101KA	COIL 100UH	3	
L3005		ELESQ101KA	COIL 100UH	1	
L3006		VLQ0398	COIL	1	
L3007		ELESQ101KA	COIL 100UH	1	
L3008-11		VLQ0556	COIL	4	
L3301		VLQ0188J150	COIL 15UH	1	
L3303		VLQ0188J101	COIL 100UH	1	
L3306		VLQ0188J390	COIL 39UH	1	
L3307		VLQ0188J120	COIL 12UH	1	
L3308		VLQ0188J330	COIL 33UH	1	
L3309		VLQ0188J181	COIL 180UH	1	
L3310		VLQ0188J270	COIL 27UH	1	
L3311		VLQ0188J820	COIL 82UH	1	
L3312		VLQ0188J151	COIL 150UH	1	
L3313		ELESQ681KA	COIL 680UH	1	
L3314		VLQ0188J101	COIL 100UH	1	
L3315,16		VLQ0188J5R6	COIL 5.6UH	2	
L3317		VLQ0188J120	COIL 12UH	1	
L3318,19		ELESQ101KA	COIL 100UH	2	
L3322,23		ELESQ101KA	COIL 100UH	2	
L3501-03		VLQEL05F101K	COIL 100UH	3	
L3510		VLP0053	COIL	1	
L3801		ELESQ101KA	COIL 100UH	1	
L3802,03		VLQ0188J150	COIL 15UH	2	
L3804		VLQ0188J151	COIL 150UH	1	
L3805		VLQ0188J270	COIL 27UH	1	
L3901-05		ELESQ101KA	COIL 100UH	5	
L4001		ELESP471KA	COIL 470UH	1	
L4002,03		ELESQ101KA	COIL 100UH	2	
L4501,02		ELESQ101KA	COIL 100UH	2	
L4601		VLQEL07F153J	COIL 15MH	1	
L4901		ELESP102KA	COIL 1000UH	1	
L4902,03		ELESQ101KA	COIL 100UH	2	
L4904-06		ELESP102KA	COIL 1000UH	3	
L4907-10		ELESQ101KA	COIL 100UH	4	
L4911,12		ELESP102KA	COIL 1000UH	2	
L6001		VLP0074	COIL	1	
L7401-03		ELESQ101KA	COIL 100UH	3	
L7404		ELESE1R0KA	COIL 1UH	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
L7901,02		VLP0083	FILTER	2	
			CONNECTORS		
P001		VJS1738	CONNECTOR (FEMALE)	1	
P501		VJS1238T	CONNECTOR (FEMALE)	1	
P501		VJS1743	CONNECTOR (FEMALE)	1	
P551		VJS1741	CONNECTOR (FEMALE)	1	
P1001		VJP2593	CONNECTOR (MALE)	1	
P1001		VJS2593	CONNECTOR (FEMALE)	1	
P1101		VJS1932T	CONNECTOR (FEMALE)	1	
P1103		VJS1142	CONNECTOR (FEMALE)	1	
P1502		VJS1141	CONNECTOR (FEMALE)	1	
P2002		VJP1232T	CONNECTOR (MALE) 5P	1	
P2002		VJS1738	CONNECTOR (FEMALE)	1	
P2003		VJP1229T	CONNECTOR (MALE) 2P	1	
P2501		VJS3193B015A	CONNECTOR (FEMALE)	1	
P2502		VJP1244T	CONNECTOR (MALE) 4P	1	
P2502		VJS1231R	CONNECTOR (FEMALE)	1	
P3001		VJP3078	CONNECTOR (MALE)	1	
P3001		VJS1743	CONNECTOR (FEMALE)	1	
P3001		VJS3078	CONNECTOR (FEMALE)	1	
P3003		VJP1235T	CONNECTOR (MALE) 8P	1	
P3003		VJS1235T	CONNECTOR (FEMALE)	1	
P3004		VJP3081	CONNECTOR (MALE)	1	
P3004		VJS3081	CONNECTOR (FEMALE)	1	
P3005		VJP1231T	CONNECTOR (MALE) 4P	1	
P3005		VJS1737	CONNECTOR (FEMALE)	1	
P3006		VJP3080	CONNECTOR (MALE)	1	
P3006		VJS3080	CONNECTOR (FEMALE)	1	
P3007		VJP1229T	CONNECTOR (MALE) 2P	1	
P3007		VJS1735	CONNECTOR (FEMALE)	1	
P3301		VJP1229T	CONNECTOR (MALE) 2P	1	
P3301		VJS1735	CONNECTOR (FEMALE)	1	
P3506		VJS2776	CONNECTOR (FEMALE)	1	
P3507		VJS2775	CONNECTOR (FEMALE)	1	
P3951		VJF0171T	CONNECTOR	1	
P3991		VJS1235T	CONNECTOR (FEMALE)	1	
P4001		VJP3103	CONNECTOR (MALE)	1	
P4002		VJP1235T	CONNECTOR (MALE) 8P	1	
P4002		VJS1741	CONNECTOR (FEMALE)	1	
P4003		VJP1229T	CONNECTOR (MALE) 2P	1	
P4003		VJS1229T	CONNECTOR (FEMALE)	1	
P4004		VJP3079	CONNECTOR (MALE)	1	
P4004		VJS3079	CONNECTOR (FEMALE)	1	
P6001		VJS3193A015A	CONNECTOR (FEMALE)	1	
P6004		VJS2571A004	CONNECTOR (FEMALE)	1	
P6501		VJS1744	CONNECTOR (FEMALE)	1	
P6502		VJS3079	CONNECTOR (FEMALE)	1	
P7403		VJS1744	CONNECTOR (FEMALE)	1	
P7501		VJS3193A016A	CONNECTOR (FEMALE)	1	
P7502		VJS1455	CONNECTOR (FEMALE)	1	
P7503		VJP3079	CONNECTOR (MALE)	1	
P9001		VJS3080	CONNECTOR (FEMALE)	1	
P9002		VJS1737	CONNECTOR (FEMALE)	1	
PK3021-24		VJR0190	PACK PIN	4	
PK7901,02		VJR0477	PACK PIN	2	
PP2501		VJP3043G010W	CONNECTOR (MALE)	1	
PP2502		VJP3043G006W	CONNECTOR (MALE)	1	
PP2503		VJP3043G012W	CONNECTOR (MALE)	1	
PP3001		VJP3044G009W	CONNECTOR (MALE)	1	
PP3002,03		VJP3044G012W	CONNECTOR (MALE)	2	
PP3011,12		VJP3042A018W	CONNECTOR (MALE)	2	
PP3301		VJP2776	CONNECTOR (MALE)	1	
PP3302		VJP2775	CONNECTOR (MALE)	1	
PP4001-03		VJP3186A018	CONNECTOR (MALE)	3	
PP7401-03		VJP3043A005W	CONNECTOR (MALE)	3	
PP7404		VJP3043A006W	CONNECTOR (MALE)	1	
PP7705		VJP3043A006W	CONNECTOR (MALE)	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
PS701-03		VJS3043B005W	CONNECTOR (FEMALE)	3	
PS704		VJS3043B006W	CONNECTOR (FEMALE)	1	
PS2501		VJS3043B010W	CONNECTOR (FEMALE)	1	
PS2502		VJS3043F008W	CONNECTOR (FEMALE)	1	
PS2503		VJS3043F012W	CONNECTOR (FEMALE)	1	
PS3001		VJS3044F009W	CONNECTOR (FEMALE)	1	
PS3002,03		VJS3044F012W	CONNECTOR (FEMALE)	2	
PS3011,12		VJS3042F018W	CONNECTOR (FEMALE)	2	
PS4001-03		VJS3186B018	CONNECTOR (FEMALE)	3	
			TRANSISTORS		
Q301-03		MSC2295	TRANSISTOR	3	
Q703		MSD601-S	TRANSISTOR	1	
Q711		2SB709	TRANSISTOR CHIP	1	(Q,R,S)
Q712		2SD1996-R	TRANSISTOR	1	
Q713		2SD1328	TRANSISTOR	1	
Q771		MSD601	TRANSISTOR	1	
Q772		MSD601-S	TRANSISTOR	1	
Q801		MSB709	TRANSISTOR	1	
Q802		MSD601	TRANSISTOR	1	
Q804		MSB709	TRANSISTOR	1	
Q1701		2SD973B-R	TRANSISTOR	1	
Q2001		2SD1915F	TRANSISTOR	1	
Q2002		MSB709	TRANSISTOR	1	
Q2003		MSD601	TRANSISTOR	1	
Q2501		2SB772	TRANSISTOR	1	
Q3001,02		MSD601	TRANSISTOR	2	
Q3003		2SD1328	TRANSISTOR CHIP	1	
Q3004,05		MSC2295	TRANSISTOR	2	
Q3006		MSB709	TRANSISTOR	1	
Q3007		MSD601	TRANSISTOR	1	
Q3301,02		MSC2295	TRANSISTOR	2	
Q3304,05		MSD601	TRANSISTOR	2	
Q3306		MSB709	TRANSISTOR	1	
Q3307,08		MSC2295	TRANSISTOR	2	
Q3309		MSD601	TRANSISTOR	1	
Q3310		MSB709	TRANSISTOR	1	
Q3315,16		MSC2295	TRANSISTOR	2	
Q3317		MSD601	TRANSISTOR	1	
Q3319		MSB709	TRANSISTOR	1	
Q3320		MSD601	TRANSISTOR	1	
Q3506		2SC2295	TRANSISTOR	1	
Q3507		2SB709	TRANSISTOR CHIP	1	
Q3508		2SC2295	TRANSISTOR	1	
Q3801		MSD601	TRANSISTOR	1	
Q3804		MSC2295	TRANSISTOR	1	
Q3805		MSB709	TRANSISTOR	1	
Q3901		MSD601	TRANSISTOR	1	
Q3902		2SB1320	TRANSISTOR	1	
Q3903		MSD601	TRANSISTOR	1	
Q3904		MSB709	TRANSISTOR	1	
Q3905		MSC2295	TRANSISTOR	1	
Q3907		MSB709	TRANSISTOR	1	
Q3908		2SD1328	TRANSISTOR CHIP	1	
Q4002		2SB790	TRANSISTOR	1	
Q4003		MSB709	TRANSISTOR	1	
Q4004		2SB790	TRANSISTOR	1	
Q4005		2SB1321	TRANSISTOR	1	
Q4006		2SD1992A-R	TRANSISTOR	1	(R)
Q4007,08		MSD601	TRANSISTOR	2	
Q4011,12		MSD601	TRANSISTOR	2	
Q4015,16		2SD1328	TRANSISTOR CHIP	2	
Q4501		2SD655	TRANSISTOR	1	
Q4551		2SB561	TRANSISTOR	1	
Q4601,02		MSD1328	TRANSISTOR	2	
Q6001		2SD1991	TRANSISTOR	1	
Q6003		2SD893	TRANSISTOR	1	
Q6004,05		2SD1994-S	TRANSISTOR	2	(S)
Q6006		MSD602	TRANSISTOR	1	
Q6007,08		MSD601	TRANSISTOR	2	
Q6101		MSD601	TRANSISTOR	1	
Q6102		MSB709	TRANSISTOR	1	
Q7401		2SB1320	TRANSISTOR	1	
Q7901,02		MSD601	TRANSISTOR	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
Q7903		2SC3931CD	TRANSISTOR	1	
Q7904-07		2SB1219	TRANSISTOR	4	
Q7908,09		2SC3929	TRANSISTOR	2	
Q7910		2SD1820	TRANSISTOR	1	
Q7913		2SB1218	TRANSISTOR	1	
Q7914,15		2SD1979-S	TRANSISTOR	2	
Q7916		2SB1219	TRANSISTOR	1	
			COMBINATION PARTS		
QR301		MRN2402	TRANSISTOR	1	
QR302		MRN1404	TRANSISTOR	1	
QR304,05		MRN1404	TRANSISTOR	2	
QR306		MRN1402	TRANSISTOR	1	
QR308		MRN1402	TRANSISTOR	1	
QR309		MRN2404	TRANSISTOR	1	
QR310		MRN1404	TRANSISTOR	1	
QR312		MRN1404	TRANSISTOR	1	
QR702		MRN1404	TRANSISTOR	1	
QR713		MRN1402	TRANSISTOR	1	
QR801		MRN1404	TRANSISTOR	1	
QR802		MRN1407	TRANSISTOR	1	
QR803,04		MRN1402	TRANSISTOR	2	
QR805,06		MRN1404	TRANSISTOR	2	
QR808		MRN1403	TRANSISTOR	1	
QR809		MRN1404	TRANSISTOR	1	
QR810		MRN2404	TRANSISTOR	1	
QR1002		MRN1402	TRANSISTOR	1	
QR2001,02		MRN1403	TRANSISTOR	2	
QR2502		MRN1403	TRANSISTOR	1	
QR2503		MRN1404	TRANSISTOR	1	
QR2504		MRN2404	TRANSISTOR	1	
QR3002		MRN1404	TRANSISTOR	1	
QR3004		MRN1404	TRANSISTOR	1	
QR3008		DTC363EK	TRANSISTOR-RESISTOR	1	
QR3009		MRN2402	TRANSISTOR	1	
QR3010		MRN1402	TRANSISTOR	1	
QR3011		MRN1407	TRANSISTOR	1	
QR3012		MRN2402	TRANSISTOR	1	
QR3013		MRN1402	TRANSISTOR	1	
QR3014		MRN1404	TRANSISTOR	1	
QR3301-04		DTC363EK	COMBI.TR-R	4	
QR3305		MRN2403	TRANSISTOR-RESISTOR	1	
QR3306		DTC363EK	TRANSISTOR-RESISTOR	1	
QR3901		MRN1403	TRANSISTOR	1	
QR4001		MRN1404	TRANSISTOR	1	
QR4002		MRN1402	TRANSISTOR	1	
QR4003		MRN1403	TRANSISTOR	1	
QR4004,05		MRN1402	TRANSISTOR	2	
QR4006		MRN1404	TRANSISTOR	1	
QR4007		MRN1403	TRANSISTOR	1	
QR4009,10		MRN1403	TRANSISTOR	2	
QR4012-14		MRN1404	TRANSISTOR	3	
QR4016		MRN1402	TRANSISTOR	1	
QR4017		MRN1404	TRANSISTOR	1	
QR4508,09		MRN2404	TRANSISTOR	2	
QR4510		MRN1403	TRANSISTOR	1	
QR4602		MRN2402	TRANSISTOR	1	
QR4603		MRN1404	TRANSISTOR	1	
QR4901		MRN1404	TRANSISTOR	1	
QR4902		UN211D	TRANSISTOR-RESISTOR	1	
QR6001,02		MRN2402	TRANSISTOR	2	
QR6003		MRN1402	TRANSISTOR	1	
QR6004		UN211H	IC	1	
QR6005		MRN2404	TRANSISTOR	1	
QR6006		UN211H	IC	1	
QR6007		MRN2404	TRANSISTOR	1	
QR6008		MRN2402	TRANSISTOR	1	
QR6009,10		MRN1404	TRANSISTOR	2	
QR6011		MRN1402	TRANSISTOR	1	
QR6101		MRN1404	TRANSISTOR	1	
QR6102,03		MRN1402	TRANSISTOR	2	
QR6104		MRN1404	TRANSISTOR	1	
QR7401		MRN1404	TRANSISTOR	1	
QR7402		DTC124TK	TRANSISTOR-RESISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR7601	MRN1404	TRANSISTOR	1	
QR7901,02	UN5213	TRANSISTOR	2	
QR7903	UN5112	TRANSISTOR-RESISTOR	1	
QR7904-06	UN5213	TRANSISTOR	3	
		RESISTORS		
R301,02	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R308	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R309	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R310	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R311	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R320,21	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R322	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R323	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R324	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R325	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R326	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R327	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R328	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R329	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R330	ERJ6GMYJ911	M.RESISTOR CH 1/10W 910	1	
R331	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R332	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R333	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R334	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R335	ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R336	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R337	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R338	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R340	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R341	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R342	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R343	ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R344	ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R345	ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R716	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R719	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R720	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R721	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R724	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R725	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R727	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R728	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R729	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R730	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R736	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R737	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R738	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R739	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R740	ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R741	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R742	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R743	ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R744	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R745	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R746	ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R750	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R757,58	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R759	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R763	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R772	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R774	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R781	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R790	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R798	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R802	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R803	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R804	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R805,06	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	2	
R807	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R809	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R810	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R811	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R812	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R813	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R814	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R815	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R816	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R817	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R819	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R820	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R821	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R822	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R823	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R824	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R825	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R826	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R831	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R832,33	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R835	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R836-38	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R839,40	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R841	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R842	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R843	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R844	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R845	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R846	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R847	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R848	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R849,50	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	2	
R851	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R852	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R853	ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R854	ERJ6GEYJ684	M.RESISTOR CH 1/10W 680K	1	
R1003,04	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	2	
R1701	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R1702	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R1703	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R2001,02	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2003	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2005,06	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2007	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2008,09	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	2	
R2010	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2011	ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R2012	ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2013	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2014	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2015	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2016	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2017	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2018	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2019	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R2020	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2021	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R2022,23	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R2024	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2025	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2501	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2502	ERJ6GMYG752	M.RESISTOR CH 1/10W 7.5K	1	
R2503	ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R2504	ERJ6GMYG512	M.RESISTOR CH 1/10W 5.1K	1	
R2505	ERJ6GMYG513	M.RESISTOR CH 1/10W 51K	1	
R2507	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2508-10	ERDS2TJ560	C.RESISTOR 1/4W 56	3	
R2511,12	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R2513	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2514	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2515	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2516	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2517	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2520	ERDS2TJ681	C.RESISTOR 1/4W 680	1	
R2521	ERDS1TJ681	C.RESISTOR 1/2W 680	1	
R2522	ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R2523	ERJ6GMYG123	M.RESISTOR CH 1/10W 12K	1	
R2524	ERJ6GMYG393	M.RESISTOR CH 1/10W 39K	1	
R2525	ERJ6GMYG124	M.RESISTOR CH 1/10W 120K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R2526		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2528		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2529		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R2530		ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R2531		ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2532		ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R2534		ERSF30JR90	M.RESISTOR 0.9	1	
R2535		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2537		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2538		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R2539		ERJ6GMYJ622	M.RESISTOR CH 1/10W 6.2K	1	
R2540		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2541		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R2542		ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R2543		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2544		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3001,02		ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	2	
R3003,04		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3005,06		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R3008		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3009		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3010		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3011		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3012		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3013		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3014		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3015		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3016		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3018,19		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R3020		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3021		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3022,23		ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	2	
R3024		ERJ6GMYG471	M.RESISTOR CH 1/10W 470	1	
R3025		ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	1	
R3026		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3027		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3028		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3029		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3030		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3031		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3032		ERJ6GMYG202	M.RESISTOR CH 1/10W 2K	1	
R3033		ERJ6GMYG222	M.RESISTOR CH 1/10W 2.2K	1	
R3034,35		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R3037		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3038		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3039-42		ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	4	
R3044		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3045		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3301		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3302		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3303		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3304		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3305		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3306		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3308		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3310		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3311-13		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R3320,21		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3322		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3323		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3324		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3325,26		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3327		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R3328		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3329		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3330		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3331		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3332		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3333		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3334		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3335		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3336,37		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R3338		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3339		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3340		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R3341		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R3342		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3343		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3344-47		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	4	
R3348		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3349		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3350		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3351		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3352		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3353,54		ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	2	
R3355		ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3356		ERJ6GMYG112	M.REISITOR CH 1/10W 1.1K	1	
R3366		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3367		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R3368		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3369		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3370		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3371		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3375,76		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R3377		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3378		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3379		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R3380		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3387		ERJ6GMYG202	M.RESISTOR CH 1/10W 2K	1	
R3388		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3390		ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	1	
R3392		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3393		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3501		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R3502		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R3503		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3504		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3505		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R3506		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3507		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R3508,09		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	2	
R3510		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R3517		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3535		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3802		ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3803		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3804		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3806		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3807		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3809		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3810		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3811		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R3812		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R3813		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3814		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3822		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3823		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3824,25		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R3826		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3901-04		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	4	
R3905		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R3906		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3907		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3908,09		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	2	
R3910		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3916		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3917		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3918		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3919		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3920		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3921		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3922		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R3923,24		ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	2	
R3926,27		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R3928		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3929		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R3930		ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R3931		ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R3932		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3933		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R3934		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3937		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R3938,39		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R3940		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3941-44		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	4	
R3945,46		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R3947,48		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R3950		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3951,52		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R4001		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R4003,04		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R4005		ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4006,07		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R4008		ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4009		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4010		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4012		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4013		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4014		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4015		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4018		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4019		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4022		ERJ6GMYG100	M.RESISTOR CH 1/10W 10	1	
R4025		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4026		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4033		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4034		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4035		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4036		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R4037		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4038,39		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R4040		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4041,42		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	2	
R4044		ERJ6GMYG433	M.RESISTOR CH 1/10W 43K	1	
R4045		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4047		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4048-51		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	4	
R4052		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4053		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4054		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4055		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4101		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4102		ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R4103		ERJ6GMYG682	M.RESISTOR CH 1/10W 6.8K	1	
R4104		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4501,02		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4503		VRE0071E36C	M.RESISTOR	1	
R4504,05		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	2	
R4506,07		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R4508		ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4509		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4510		ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R4511		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4512		VRE0034E163	M.RESISTOR CH 1/10W 16K	1	
R4513		ERJ3GEYG103	M.RESISTOR CH 1/16W 10K	1	
R4514,15		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	2	
R4518,19		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	2	
R4522		ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R4527		VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4528		VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R4529		ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4530		ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4534		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4535		ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4539		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4540		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4541		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4542		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4543		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R4551,52		ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R4553		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4554		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4558		ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4561		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4562		VRE0034E10C	M.RESISTOR 1/10W	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R4563		ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	1	
R4568		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4569		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4573		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4577		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4578		VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
R4581		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4583		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4584		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4585		ERJ3GEY0RC0	M.RESISTOR CH 1/16W 0	1	
R4586		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4587,88		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R4591		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4592		ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R4593		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4594		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4603		ERJ3GEYG183	M.RESISTOR CH 1/16W 18K	1	
R4606		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4610		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4611		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R4612		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R4613		ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R4615		ERJ6GEYJ133	M.RESISTOR CH 1/10W 13K	1	
R4616		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4638		ERJ6GM20R00	M.RESISTOR CH 1/10W 0	1	
R4649		ERJ3GEYG470	M.RESISTOR 1/16W 47	1	
R4651		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R4652		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4653		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R4654		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4655		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4656		ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	1	
R4657		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4666		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4901		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4902		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4903		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4904		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4905		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4906		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4907		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4908		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4909,10		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	2	
R4911		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4912		ERJ6GEYG163	M.RESISTOR CH 1/10W 16K	1	
R4913,14		ERJ6GEYG433	M.RESISTOR CH 1/10W 43K	2	
R4915		ERJ6GEYG163	M.RESISTOR CH 1/10W 16K	1	
R4916		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4917-20		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	4	
R4921		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4922,23		ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	2	
R4924		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4925,26		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R4927,28		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	2	
R4929,30		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R6001		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6002		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6003		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6004		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R6005		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6006,07		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6008-10		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	3	
R6011		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6012		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6013		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6014-20		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	7	
R6021		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6022		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6023		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6027		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6028		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6029		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6030		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6031		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6032		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6033	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6034	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6035	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6036	ERJ6GEYG201	M.RESISTOR CH 1/10W 200	1	
R6037	ERG2SJ150	M.RESISTOR 2W 15	1	
R6038	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6039	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6040	ERD2FCG220	C.RESISTOR 2W 22	1	<!>
R6041	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6043,44	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	2	
R6045	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6046	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6047	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6048,49	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6050,51	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6052	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6053	ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6054	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6055	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R6057	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6058	ERJ6GEYG131	M.RESISTOR CH 1/10W 130	1	
R6059	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6060,61	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6062	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6063	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6064	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6101	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6102,03	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6104,05	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6106,09	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R6110	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6111	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6305	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7401	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7402	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7403	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R7405-13	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	9	
R7414,15	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R7416,17	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7419	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7422-24	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	3	
R7651	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7654	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7655	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7656	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7657	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7658	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7659	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7661	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7662	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7663	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7664	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7671,72	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R7673	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7674	ERJ6GEYJ124	M.RESISTOR CH 1/10W 120K	1	
R7675	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7676	ERG1SJ152	M.RESISTOR 1W 1.5K	1	
R7677	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7678	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R7679	ERDS2TJ100	C.RESISTOR 1/4W 10	1	
R7680	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7681,82	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R7683	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R7684	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7691	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7692	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7693	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7694	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7695	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7696	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7901	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R7902	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R7903	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7904	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7905	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7906	ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	1	
R7907	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R7908	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7909-11	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	3	
R7913-15	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	3	
R7917	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7918-21	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R7922	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7923	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R7924-26	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R7927	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7928	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7929	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7930	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R7931-33	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R7934	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7935	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7936	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7937	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7938	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7939	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R7940	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R7941	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7942	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7943	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7944	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R7945	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7946,47	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R7948	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R7949	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7950	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R7951	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7956	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7957	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R7958,59	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	2	
R7960,61	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R7962,63	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R7964	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R7969-72	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R7973-77	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R7978	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7979	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R7980	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7981,82	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R7983	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7985	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R7987	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7988	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R7989	ERDS2TJ823	C.RESISTOR 1/4W 82K	1	
		SWITCHES		
SW3901	VSS0157	SWITCH	1	
		TRANSFORMERS		
T703	EIV5EC045A	TRANSFORMER	1	
T704	EIV5EC047A	TRANSFORMER	1	
T711	EIS5EC008A	TRANSFORMER	1	
T1701	VLT0683	TRANSFORMER	1	
T4001	EIQ7QF013Q	TRANSFORMER	1	
		VARIABLE RESISTORS		
VR301	EVN49CA00B23	V.RESISTOR	1	
VR302,03	EVN49CA00B13	V.RESISTOR	2	
VR304	EVMF6SA00B23	V.RESISTOR 2K	1	
VR701	EVNDXAA00B53	V.RESISTOR 5K	1	
VR751	EVNDXAA00B53	V.RESISTOR 5K	1	
VR801	EVND1AA00B14	V.RESISTOR 10K	1	
VR802	EVMF6SA00B14	V.RESISTOR 10K	1	
VR2001	EVNDXAA00B54	V.RESISTOR 50K	1	
VR2006	EVNDXAA00B15	V.RESISTOR 100K	1	
VR2011	EVNDXAA00B15	V.RESISTOR 100K	1	
VR2018,19	EVNDXAA00B15	V.RESISTOR 100K	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
VR3001-03		EVNDXAA00B23	V.RESISTOR 2K	3	
VR3004		VRV0148B473T	V.RESISTOR	1	
VR3301		EVMF6SA00B24	V.RESISTOR 20K	1	
VR3302		EVN49CA00B54	V.RESISTOR	1	
VR3304,05		EVN49CA00B52	V.RESISTOR 500	2	
VR3306		EVNDXAA00B23	V.RESISTOR 2K	1	
VR3801		EVMF6SA00B13	V.RESISTOR	1	
VR3802		EVMF6SA00B23	V.RESISTOR 2K	1	
VR3901		EVN4YCA00B24	V.RESISTOR 20K	1	
VR4001		EVNDXAA00B25	V.RESISTOR 200K	1	
VR4501		EVMFLSA00B53	V.RESISTOR	1	
VR4502		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4507		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4509		EVMFLSA00BY3	V.RESISTOR	1	
VR4512		EVNDXAA00B52	V.RESISTOR 500	1	
VR4550		EVMFLSA00BS3	V.RESISTOR	1	
VR4551,52		EVMF6SA00B55	V.RESISTOR	2	
VR7660		EVNDXAA00B23	V.RESISTOR 2K	1	
VR7901,02		EVNDXAA00B14	V.RESISTOR 10K	2	
VR7903		EVTF6SA00B55	V.RESISTOR	1	
			CRYSTAL OSCILLATORS		
X301		VSX0225	CRYSTAL OSCILLATOR	1	
X710		EFCH39MGQ1	CRYSTAL OSCILLATOR	1	
X711		EFCS6ROM45	CRYSTAL OSCILLATOR	1	
X712		EFCS6ROM55	CRYSTAL OSCILLATOR	1	
X801		VSX0406	CRYSTAL OSCILLATOR	1	
X3502		VSX0323	CRYSTAL OSCILLATOR	1	
X3901		VSX0099	CRYSTAL OSCILLATOR	1	
X6001		VSX0415	CRYSTAL OSCILLATOR	1	
X6002		VSX0258	CRYSTAL OSCILLATOR	1	
X6003		VSQ0565	CRYSTAL OSCILLATOR	1	
X7901		VSX0513	CRYSTAL OSCILLATOR	1	
X7902		VSX0512	CRYSTAL OSCILLATOR	1	
X7903		EFCA6004BF	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJH0651	ANT TERMINAL PLATE	1	
		ENC17982	RF CONVERTER	1	<!>
		VWJ0666	FLAT CADE CABLE 16P	1	
		VWJ0667	FLAT CADE CABLE 18P	1	
		VWJ04NB080QQ	FLAT CADE CABLE	1	(P6002-P1503)
		VMT0199	PLATE SPACER	1	
		VMZ1352	HEAT SINK COVER	1	FOR SERVO PACK C.B.A.
		VEJ1255	JACK PLATE	1	FOR INPUT/OUTPUT PACK
		VGU2707	EDIT KNOB	1	FOR INPUT/OUTPUT PACK
		VSC2911	SHIELD COVER (TOP)	2	FOR 1H DELAY UNIT
		VSC2912	SHIELD COVER (MAIN)	1	FOR 1H DELAY UNIT
		VSC3553	SHIELD COVER (MAIN)	1	FOR NICAM DECODER
		VSC3554	SHIELD COVER (TOP)	1	FOR NICAM DECODER
		VSC3555	SHIELD COVER (BOTTOM)	1	FOR NICAM DECODER
		ENV87837H3C	TUNER	1	<!>FOR TV DEMODULATOR
		VSC3242	SHIELD COVER (MAIN)	1	FOR TV DEMO. C.B.A.
		VSC3241	SHIELD COVER (TOP)	1	FOR TV DEMO. C.B.A.
	■	VEP06777F	MAIN C.B.A.		(NIA)NV-FS88EC
			CONNECTORS		
BP1004		VJF0094	CONNECTOR	1	
			CAPACITORS		
C303		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C305		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C306		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C307		ECUM1H050CCN	C.CAPACITOR CH 50V 5P	1	
C308		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C309		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C310		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C311		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C312		ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C319		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C320		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C321		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C322		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C323		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C324		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C325		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C326		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C327-30		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	4	
C331,32		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C333		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C334-36		ECEA1CK100	E.CAPACITOR 16V 10U	3	
C337		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C338		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C339		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C340		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C341		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C343		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C344		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C345		ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1	
C346		ECCF1H470JC4	C.CAPACITOR 50V 47P	1	
C701,02		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	2	
C707		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	1	
C708		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C719		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C721		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C723		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C728		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C731		VCEA1CAC100	E.CAPACITOR 16V 10U	1	
C732		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C736,37		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C739		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C740		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C742		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C743		ECUM1H270JSN	C.CAPACITOR CH 50V 27P	1	
C744,45		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	2	
C746		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C747		ECUM1H680JPN	C.CAPACITOR CH 50V 68P	1	
C748		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C781		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C782		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C790		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C792		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C806		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C807		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C808		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C809		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C810		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C811		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C812		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C813		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C814-16		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	3	
C817		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C818		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C819		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C820		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C821		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C822		ECRHA020D41	TRIMMER	1	
C823		ECQV1H154JZ	P.CAPACITOR 50V 0.15U	1	
C824		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C825		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C826		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C827		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C828		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C829-31		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C832,33		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C834		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C835		ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C836		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C837		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C838,39		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C840		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C841		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C842		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C843		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C844		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C845		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C846		ECUM1C105ZFN	C.CAPACITOR 16V 1U	1	
C847		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C848		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C849		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C850,51		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C852		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C1003		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1004		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C1009		ECEA1AK330	E.CAPACITOR 10V 33U	1	
C1010		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C1701		ECKD2H152KB	C.CAPACITOR 500V 1500P	1	
C1702		ECA1CM101	E.CAPACITOR 16V 100U	1	
C1703		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1704		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C1705		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C1706		ECA1VM100	E.CAPACITOR 35V 10U	1	
C1707		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1708		ECA1CM221	E.CAPACITOR 16V 220U	1	
C2001		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C2002		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C2003		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C2004		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C2005		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2006		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C2007		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2008		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C2009		VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C2010		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2011,12		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	2	
C2013,14		ECEA1HKN3R3	E.CAPACITOR 50V 3.3U	2	
C2015		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2016		ECQB1H472JZ	F.CAPACITOR 50V 4700P	1	
C2017		ECQV1H184JZ	P.CAPACITOR 50V 0.18U	1	
C2019		ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C2020		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2021		ECEA1AK470	E.CAPACITOR 10V 47U	1	
C2022		ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C2023,24		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C2025		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C2026		ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C2027		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2028		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C2029		ECQB1H392J	P.CAPACITOR 50V 3900P	1	
C2501		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C2502		ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C2503,04		ECQV1H333JZ	P.CAPACITOR 50V 0.033U	2	
C2505		ECEA1CU470	E.CAPACITOR 16V 47U	1	
C2506-09		ECQV1H333JZ	P.CAPACITOR 50V 0.033U	4	
C2510-12		ECEA1HKZR2	E.CAPACITOR 50V 2.2U	3	
C2513,14		ECUM1C105ZFN	C.CAPACITOR 16V 1U	2	
C2515		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2516		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C2517		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C2518		ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C2519		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C2520		ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C2521		ECA1EM470	E.CAPACITOR 25V	1	
C2522		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C2524,25		ECA1CM221	E.CAPACITOR 16V 220U	2	
C2526		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C2527		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C2528		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C2529		ECUM1E224ZFN	C.CAPACITOR CH 25V 0.22U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C2530		ECUM1E223KBN	C.CAPACITOR CH 25V 0.023U	1	
C2531		VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C3001		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3002		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3003,04		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3006,07		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C3009		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3010		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3011		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3012,13		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C3014,15		ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C3016		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3017,18		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3019,20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3021,22		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3023		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3024		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3025		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3026		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3027,28		ECEA1HK010	E.CAPACITOR 50V 1U	2	
C3029		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3033		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3034		ECA0JM331	E.CAPACITOR 6.3V 330U	1	
C3035		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3036		ECA0JM331	E.CAPACITOR 6.3V 330U	1	
C3037		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3038		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3039		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3040		ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C3041		ECEA1AKN470	E.CAPACITOR 10V 47U	1	
C3042		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3043		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3044		ECUM1H561KBN	C.CAPACITOR CH 50V 560P	1	
C3301		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3302		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C3304-08		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	5	
C3309		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3310		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3313,14		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3315		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3316		ECUM1H271JCN	C.CAPACITOR CH 50V 270P	1	
C3321		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3322		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3323		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3324		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C3325		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3326		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C3327,28		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3329		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3330		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3331		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3332		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3333		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3334		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3335		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3336		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3337		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C3338		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3339		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3340		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3341		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3342		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3343		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3344		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3345		ECUM1H391KBN	C.CAPACITOR CH 50V 390P	1	
C3346		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3347		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3349		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3350		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C3351,52		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	2	
C3353		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3354		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3355		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3356		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3357		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C3358		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3364		ECEA0JKN470	E.CAPACITOR 6.3V 47U	1	
C3365		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3366		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3371		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C3372		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C3382		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3801		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3802		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C3804		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3805,06		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3807		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3808,09		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3810		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C3811,12		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3813		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C3814		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C3815		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3819		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3901,02		ECEA0JK101	E.CAPACITOR 6.3V 100U	2	
C3903		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3904		ECEA1AK470	E.CAPACITOR 10V 47U	1	
C3905		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3906		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3907		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3908,09		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3910		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3911,12		ECEA0JK101	E.CAPACITOR 6.3V 100U	2	
C3913		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3914		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3923-25		ECEA0JK101	E.CAPACITOR 6.3V 100U	3	
C4001		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C4002,03		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C4005		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4006		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C4007		ECEA16M33	E.CAPACITOR 16V 33U	1	
C4008		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4009		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4010		ECQP1222JZ	P.CAPACITOR 0.0022U	1	
C4011		ECCD2H181J	C.CAPACITOR 500V 180P	1	
C4013		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C4014,15		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C4016		ECEA1HKZR2	E.CAPACITOR 50V. 2.2U	1	
C4017		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4018		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4019		ECUM1H222JUN	C.CAPACITOR CH 50V 2200P	1	
C4020,21		ECUM1H224ZFM	C.CAPACITOR CH 50V 0.22U	2	
C4023		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4024		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4501		ECQB1H152JH	P.CAPACITOR 50V 1500P	1	
C4502		ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4503		ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4504,05		ECEA1CP2470	E.CAPACITOR 16V 47U	2	
C4506		VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4507		ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4508		ECEA1EB24R7	E.CAPACITOR 25V 4.7U	1	
C4509		ECEA1AP2470	E.CAPACITOR 10V 47U	1	
C4510		ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4511		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4512		ECUX1H561JV	C.CAPACITOR CH 50V 560P	1	
C4513		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4514		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4515		VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4517		ECEA1AP2101	E.CAPACITOR 10V 100U	1	
C4518		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4521		ECUM1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C4522		VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4528		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4530		ECEA0JPK470	E.CAPACITOR 6.3V 47U	1	
C4533		ECEA1CP2330	E.CAPACITOR 16V 33U	1	
C4537		ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C4538		ECEA1HUR47	E.CAPACITOR 50V 0.47U	1	
C4539		ECUM1C224ZFN	C.CAPACITOR CH 16V 0.22U	1	
C4541		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4545		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C4552		ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4556		VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4557		ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4558		ECEA1EB24R7	E.CAPACITOR 25V 4.7U	1	
C4559		ECEA1AP2470	E.CAPACITOR 10V 47U	1	
C4560		ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4561		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4562		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4563		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4564		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4565		VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4567		ECEA1AP2101	E.CAPACITOR 10V 100U	1	
C4568		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4572		VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4576		ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C4583		ECEA1CP2330	E.CAPACITOR 16V 33U	1	
C4585,86		ECEA1AP2101	E.CAPACITOR 10V 100U	2	
C4591		ECUM1H1042FN	C.CAPACITOR 50V 0.1U	1	
C4592		ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4604		ECUM1H182JN	C.CAPACITOR CH 50V 1800P	1	
C4606		VCEA0JAC470	E.CAPACITOR 6.3V 47U	1	
C4611		ECQB1H182JZ	F.CAPACITOR 50V 1800P	1	
C4613		ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C4616		ECUX1H1022FV	C.CAPACITOR CH 50V 1000P	1	
C4617		ECEA10M22	E.CAPACITOR 10V 22U	1	
C4618		ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4619		ECEA1APB100	E.CAPACITOR 10V 10U	1	
C4621		ECEA0JPK101	E.CAPACITOR 6.3V 100U	1	
C4629		ECQB1H562JZ	P.CAPACITOR 50V 5600P	1	
C4636		ECUM1H471JN	C.CAPACITOR CH 50V 470P	1	
C4638		ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4651		ECQB1H333JA	P.CAPACITOR 50V 0.033U	1	
C4652,53		ECUM1C105ZFN	C.CAPACITOR 16V 1U	2	
C4901-04		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	4	
C4908-10		VCEA1CAD100	E.CAPACITOR 16V 10U	3	
C4912		VCEA0JAC101	E.CAPACITOR 6.3V 100U	1	
C4913		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4914		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4915		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4916		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4917		VCEA1CAD100	E.CAPACITOR 16V 10U	1	
C4918		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4919		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4920		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4921		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4922		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4923,24		ECQB1H332JH	P.CAPACITOR 50V 0.27U	2	
C4925		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4926		VCEA0JAC101	E.CAPACITOR 6.3V 100U	1	
C4927,28		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C6001		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6002		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6003,04		ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C6005		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6006		ECQB1H392J	P.CAPACITOR 50V 3900P	1	
C6007		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6009,10		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	2	
C6014		ECEA0JM331	E.CAPACITOR 6.3V 330U	1	
C6015		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6016		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6017		ECA1CM222	E.CAPACITOR 16V 2200U	1	
C6018		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6019		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C6020,21		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C6022,23		ECUM1H271JCN	C.CAPACITOR CH 50V 270P	2	
C6024		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6025		ECEA1HKZR2	E.CAPACITOR 50V 2.2U	1	
C6101		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6102		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6103		ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C6302		EECS5R5V105	TRIMMER	1	
C7302		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7303		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7304		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7305		ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C7306		ECQB1H102KZ	P.CAPACITOR 50V 1000P	1	
C7307		ECQB1H822KZ	P.CAPACITOR 50V 8200P	1	
C7308		ECQB1H102KZ	P.CAPACITOR 50V 1000P	1	
C7309		ECQB1H152JH	P.CAPACITOR 50V 1500P	1	
C7310		ECEA16M10	E.CAPACITOR 16V	1	
C7311		ECEA50MR47	E.CAPACITOR	1	
C7312		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7313		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7314		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7315		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7316		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7317		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C7318		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7319		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7320,21		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C7323,24		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	2	
C7331		ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C7332,33		ECUM1H102ZFN	C.CAPACITOR CH 50V 1000P	2	
C7334		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7335		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7336		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7337		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C7339		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7340		ECUM1H390JPN	C.CAPACITOR CH 50V 39P	1	
C7341		ECUM1H070DCN	C.CAPACITOR CH 50V 7P	1	
C7342		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C7343		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7345		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7346		ECUM1H390JPN	C.CAPACITOR CH 50V 39P	1	
C7347		ECUM1H070DCN	C.CAPACITOR CH 50V 7P	1	
C7348		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7349,50		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	2	
C7351,52		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7353		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7401		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7402,03		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7404		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7405,06		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7407		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7408		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7409		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7651		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7653		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C7668		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7685		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C7901-03		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	3	
C7904		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7905		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7906		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7907		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7908		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7909		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7910		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7911-13		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	3	
C7914		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7915		ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7916		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7917		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7918		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7919		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7920		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7921		ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C7922		ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7923		ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7924		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7925		ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C7926		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7927		ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C7928		ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7929		ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7930		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7931		ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C7932,33		ECEA1CKN100	E.CAPACITOR 16V 10U	2	
C7934		ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7935		ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C7937		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7938		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7939,40		ECEA1HKNOR1	E.CAPACITOR 50V 0.1U	2	
C7941		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7942		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7943		ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7945		ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C7946		ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7947		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7948		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7949		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C7950-53		ECEA1CKN100	E.CAPACITOR 16V 10U	4	
C7954		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7955-60		ECEA1CK100	E.CAPACITOR 16V 10U	6	
C7961		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7963		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7964		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7965,66		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	2	
C7967		ECEA1CK100	E.CAPACITOR 16V 10U	1	
			DIODES		
D301		MA723VT	DIODE	1	(VT)
D302		MA4091-M	DIODE	1	
D303		1SS254	DIODE	1	
D304		MA151K	DIODE	1	
D710		MA3100L	DIODE	1	
D801		1SS254	DIODE	1	
D802		MA151WK	DIODE	1	
D803		MA151WK	DIODE	1	
D805		1SS254	DIODE	1	
D806		MA723VT	DIODE	1	(VT)
D807		1SS254	DIODE	1	
D808		MA151WA	DIODE	1	
D811-14		1SS254	DIODE	4	
D1005,06		1SS254	DIODE	2	
D1701		SB05-05CP	DIODE	1	
D1702		MA4300H	DIODE	1	
D1703		MA185	DIODE	1	
D2002		1SS254	DIODE	1	
D2501		1SS254	DIODE	1	
D2503-10		1SS254	DIODE	8	
D2511		AK04	DIODE	1	
D2512		MA723VT	DIODE	1	(VT)
D2515		1SS254	DIODE	1	
D3004		1SS254	DIODE	1	
D3006		MA723VT	DIODE	1	(VT)
D3007		1SS254	DIODE	1	
D3010		1SS254	DIODE	1	
D3011		MA723VT	DIODE	1	(VT)
D3012		1SS254	DIODE	1	
D3301,02		1SS254	DIODE	2	
D3304		MA723VT	DIODE	1	(VT)
D3305		1SS254	DIODE	1	
D3901		MA4056MTA	DIODE	1	
D3902-04		1SS254	DIODE	3	
D4005		1SS254	DIODE	1	
D4501,02		MA151K	DIODE	2	
D4503		MA151K	DIODE	1	
D4504		MA151K	DIODE	1	
D4601,02		MA151K	DIODE	2	
D6001		MA723VT	DIODE	1	(VT)
D6002		AK04	DIODE	1	
D6003,04		MA723VT	DIODE	2	(VT)
D6005,06		1SS254	DIODE	2	
D6007		ERA15-01	DIODE	1	
D6008		AK04	DIODE	1	
D6009-15		1SS254	DIODE	7	
D6101,02		MA156	DIODE	2	
D6105		AK04	DIODE	1	
D6106-09		1SS254	DIODE	4	
D7303		MA28WA	DIODE	1	
D7304		MA3100L	DIODE	1	
D7401		MA723VT	DIODE	1	(VT)
D7403-07		1SS254	DIODE	5	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D7408	MA29W-A	DIODE	1	
D7672,73	MA3150-H	DIODE	2	
D7901-03	MA141WK	DIODE	3	
D7904	MA141K	DIODE	1	
D7905	MA141WA	DIODE	1	
D7906	MA141WK	DIODE	1	
D7907	MA141K	DIODE	1	
		DELAY LINES		
DL801	VLD0147	DELAY LINE	1	
DL802	EFDVR645A45A	DELAY LINE	1	
DL3801	EFDUN124A13N	DELAY	1	
		CONNECTORS		
FG	VJS1231R	CONNECTOR (FEMALE)	1	
		FILTERS		
FL301	VLF0639	FILTER	1	
FL302	ELB4M022	FILTER	1	
FL303	VLF0727	FILTER	1	
FL801	ELB4W002	FILTER	1	
FL3001	VLF0413	FILTER	1	
FL3301	ELB4R031	FILTER	1	
FL3302	VLF0766	FILTER	1	
FL3303	VLF0765	FILTER	1	
FL4501	VLF0947	FILTER	1	
FL7901	VLF0703	FILTER	1	
FL7902	ELKAW103EB	FILTER	1	
FL7904-11	ELKAW103EB	FILTER	8	
FL7912-15	ELKAW101GB	COIL 100UH	4	
FL7916	VLF0633	FILTER	1	
FL7918	ELKAW103EB	FILTER	1	
		INTEGRATED CIRCUITS		
IC301	VEFH20B	IC	1	
IC302	MSM6965-3RS	IC	1	
IC701	M52014SP	IC	1	
IC801	VCR0284	IC	1	
IC802	NJM2233BMA	IC	1	
IC803	M52063SP	IC	1	
IC2001	AN3727S	IC	1	
IC2002	UPC358G2	IC	1	
IC2003	MN4066BS	IC	1	
IC2501	BA6435S	IC	1	
IC2502	UPC358G2	IC	1	
IC2503	SI-3090CLF	IC	1	
IC2504	TPIC0130N	IC	1	
IC3001,02	NJM2233BMA	IC	2	
IC3003	M52055FP	IC	1	
IC3004	AN3581S	IC	1	
IC3301	M52083FP	IC	1	
IC3302	AN6308S	IC	1	
IC3801	AN3497SB	IC	1	
IC3901	M52474P	IC	1	
IC3902	BA7004	IC	1	
IC4001	RC4565DD	IC	1	
IC4501	BH7770KS	IC	1	
IC4601	BA7755AF	IC	1	
IC4901	LA7155M	IC	1	
IC6001	MN67431VREQ	IC	1	
IC6002	MC14519BF	IC	1	
IC6003	BU5863F	IC	1	
IC6004	MN1280S	IC	1	(S)
IC7301	TDA3803A	IC	1	
IC7302	TA8721SN	IC	1	
IC7401	M66006FP	IC	1	
IC7901	TB1204F	IC	1	
IC7902	TA2009F	IC	1	
IC7903	M5238FP	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		CONNECTORS		
J3951,52	VJS1470	CONNECTOR (FEMALE)	2	
		COILS		
L303	ELESQ101KA	COIL 100UH	1	
L304	VLQ0407101K	COIL 100UH	1	
L305,06	ELESQ101KA	COIL 100UH	2	
L308	ELESP18CJA	COIL 18UH	1	
L701	ELESP680KA	COIL 68UH	1	
L711	ELQTR22XB	COIL 0.22UH	1	
L718,19	ELESP680KA	COIL 68UH	2	
L720	ELESQ150KA	COIL 15UH	1	
L781	VLQ0213K680	COIL 68UH	1	
L803,04	ELESQ101KA	COIL 100UH	2	
L805	VLQ0188J330	COIL 33UH	1	
L806,07	ELESQ681KA	COIL 680UH	2	
L808	ELESQ331KA	COIL 330UH	1	
L809	VLQ0188J470	COIL 47UH	1	
L810	VLQ0407101K	COIL 100UH	1	
L811-13	VLQ0188J150	COIL 15UH	3	
L814	VLQ0188J330	COIL 33UH	1	
L815	ELESQ101KA	COIL 100UH	1	
L2001	ELESQ101KA	COIL 100UH	1	
L2002	VLP0099	COIL	1	
L2003	VLQ0569	COIL	1	
L2004	VLQ0552	COIL	1	
L2501	ELESP102KA	COIL 1000UH	1	
L2502,03	ELESQ101KA	COIL 100UH	2	
L2505	VLQ0558K331	COIL 330UH	1	
L2506	ELC07B009	COIL	1	
L3001-03	ELESQ101KA	COIL 100UH	3	
L3005	ELESQ101KA	COIL 100UH	1	
L3006	VLQ0398	COIL	1	
L3007	ELESQ101KA	COIL 100UH	1	
L3008-11	VLQ0556	COIL	4	
L3301	VLQ0188J150	COIL 15UH	1	
L3303	VLQ0188J101	COIL 100UH	1	
L3306	VLQ0188J390	COIL 39UH	1	
L3307	VLQ0188J120	COIL 12UH	1	
L3308	VLQ0188J330	COIL 33UH	1	
L3309	VLQ0188J181	COIL 180UH	1	
L3310	VLQ0188J270	COIL 27UH	1	
L3311	VLQ0188J820	COIL 82UH	1	
L3312	VLQ0188J151	COIL 150UH	1	
L3313	ELESQ681KA	COIL 680UH	1	
L3314	VLQ0188J101	COIL 100UH	1	
L3315,16	VLQ0188J5R6	COIL 5.6UH	2	
L3317	VLQ0188J120	COIL 12UH	1	
L3318	ELESQ101KA	COIL 100UH	1	
L3322,23	ELESQ101KA	COIL 100UH	2	
L3801	ELESQ101KA	COIL 100UH	1	
L3802,03	VLQ0188J150	COIL 15UH	2	
L3804	VLQ0188J151	COIL 150UH	1	
L3805	VLQ0188J270	COIL 27UH	1	
L3901-03	ELESQ101KA	COIL 100UH	3	
L4001	ELESP471KA	COIL 470UH	1	
L4002,03	ELESQ101KA	COIL 100UH	2	
L4501,02	ELESQ101KA	COIL 100UH	2	
L4601	VLQEL07F153J	COIL 15MH	1	
L4901	ELESP102KA	COIL 1000UH	1	
L4902,03	ELESQ101KA	COIL 100UH	2	
L4904-06	ELESP102KA	COIL 1000UH	3	
L4907-10	ELESQ101KA	COIL 100UH	4	
L4911,12	ELESP102KA	COIL 1000UH	2	
L6001	VLP0074	COIL	1	
L7301	ELESP102KA	COIL 1000UH	1	
L7401-03	ELESQ101KA	COIL 100UH	3	
L7404	ELESE1R0KA	COIL 1UH	1	
L7901,02	VLP0083	FILTER	2	
		CONNECTORS		
P001	VJS1738	CONNECTOR (FEMALE)	1	
P501	VJS1238T	CONNECTOR (FEMALE)	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
P501		VJS1743	CONNECTOR (FEMALE)	1	
P551		VJS1741	CONNECTOR (FEMALE)	1	
P1001		VJP2593	CONNECTOR (MALE)	1	
P1001		VJS2593	CONNECTOR (FEMALE)	1	
P1101		VJS1932T	CONNECTOR (FEMALE)	1	
P1103		VJS1142	CONNECTOR (FEMALE)	1	
P1502		VJS1141	CONNECTOR (FEMALE)	1	
P2002		VJP1232T	CONNECTOR (MALE) 5P	1	
P2002		VJS1738	CONNECTOR (FEMALE)	1	
P2003		VJP1229T	CONNECTOR (MALE) 2P	1	
P2501		VJS3193B015A	CONNECTOR (FEMALE)	1	
P2502		VJP1244T	CONNECTOR (MALE) 4P	1	
P2502		VJS1231R	CONNECTOR (FEMALE)	1	
P3001		VJP3078	CONNECTOR (MALE)	1	
P3001		VJS1743	CONNECTOR (FEMALE)	1	
P3001		VJS3078	CONNECTOR (FEMALE)	1	
P3003		VJP1235T	CONNECTOR (MALE) 8P	1	
P3003		VJS1235T	CONNECTOR (FEMALE)	1	
P3007		VJP1229T	CONNECTOR (MALE) 2P	1	
P3007		VJS1735	CONNECTOR (FEMALE)	1	
P3301		VJP1229T	CONNECTOR (MALE) 2P	1	
P3301		VJS1735	CONNECTOR (FEMALE)	1	
P3991		VJS1235T	CONNECTOR (FEMALE)	1	
P4001		VJP3103	CONNECTOR (MALE)	1	
P4002		VJP1235T	CONNECTOR (MALE) 8P	1	
P4002		VJS1741	CONNECTOR (FEMALE)	1	
P4003		VJP1229T	CONNECTOR (MALE) 2P	1	
P4003		VJS1229T	CONNECTOR (FEMALE)	1	
P4004		VJP3079	CONNECTOR (MALE)	1	
P4004		VJS3079	CONNECTOR (FEMALE)	1	
P6001		VJS3193A015A	CONNECTOR (FEMALE)	1	
P6004		VJS2571A004	CONNECTOR (FEMALE)	1	
P6501		VJS1744	CONNECTOR (FEMALE)	1	
P6502		VJS3079	CONNECTOR (FEMALE)	1	
P7403		VJS1744	CONNECTOR (FEMALE)	1	
P7501		VJS3193A016A	CONNECTOR (FEMALE)	1	
P7502		VJS1455	CONNECTOR (FEMALE)	1	
P7503		VJP3079	CONNECTOR (MALE)	1	
PK3021-24		VJR0190	PACK PIN	4	
PK7901,02		VJR0477	PACK PIN	2	
PP2501		VJP3043G010W	CONNECTOR (MALE)	1	
PP2502		VJP3043G008W	CONNECTOR (MALE)	1	
PP2503		VJP3043G012W	CONNECTOR (MALE)	1	
PP3001		VJP3044G009W	CONNECTOR (MALE)	1	
PP3002,03		VJP3044G012W	CONNECTOR (MALE)	2	
PP3011,12		VJP3042A018W	CONNECTOR (MALE)	2	
PP4001-03		VJP3186A018	CONNECTOR (MALE)	3	
PP7401-03		VJP3043A005W	CONNECTOR (MALE)	3	
PP7404		VJP3043A006W	CONNECTOR (MALE)	1	
PP7705		VJP3043A004W	CONNECTOR (MALE)	1	
PS701-03		VJS3043B005W	CONNECTOR (FEMALE)	3	
PS704		VJS3043B006W	CONNECTOR (FEMALE)	1	
PS2501		VJS3043B010W	CONNECTOR (FEMALE)	1	
PS2502		VJS3043F008W	CONNECTOR (FEMALE)	1	
PS2503		VJS3043F012W	CONNECTOR (FEMALE)	1	
PS3001		VJS3044F009W	CONNECTOR (FEMALE)	1	
PS3002,03		VJS3044F012W	CONNECTOR (FEMALE)	2	
PS3011,12		VJS3042F018W	CONNECTOR (FEMALE)	2	
PS4001-03		VJS3186B018	CONNECTOR (FEMALE)	3	
PS7301,02		VJR0477	PACK PIN	2	
			TRANSISTORS		
Q301-03		MSC2295	TRANSISTOR	3	
Q703		MSD601-S	TRANSISTOR	1	
Q711		2SB709	TRANSISTOR CHIP	1	(Q,R,S)
Q712		2SD1996-R	TRANSISTOR	1	
Q714		MSD601-S	TRANSISTOR	1	
Q771		MSD601	TRANSISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
Q801		MSB709	TRANSISTOR	1	
Q802		MSD601	TRANSISTOR	1	
Q804		MSB709	TRANSISTOR	1	
Q1001		2SD1996	TRANSISTOR	1	
Q1701		2SD973B-R	TRANSISTOR	1	
Q2001		2SD1915F	TRANSISTOR	1	
Q2002		MSB709	TRANSISTOR	1	
Q2003		MSD601	TRANSISTOR	1	
Q2501		2SB772	TRANSISTOR	1	
Q3001,02		MSD601	TRANSISTOR	2	
Q3003		2SD1328	TRANSISTOR CHIP	1	
Q3004,05		MSC2295	TRANSISTOR	2	
Q3006		MSB709	TRANSISTOR	1	
Q3007		MSD601	TRANSISTOR	1	
Q3301,02		MSC2295	TRANSISTOR	2	
Q3304,05		MSD601	TRANSISTOR	2	
Q3306		MSB709	TRANSISTOR	1	
Q3307,08		MSC2295	TRANSISTOR	2	
Q3309		MSD601	TRANSISTOR	1	
Q3315,16		MSC2295	TRANSISTOR	2	
Q3317		MSD601	TRANSISTOR	1	
Q3801		MSD601	TRANSISTOR	1	
Q3804		MSC2295	TRANSISTOR	1	
Q3805		MSB709	TRANSISTOR	1	
Q3901		MSD601	TRANSISTOR	1	
Q3902		2SB1320	TRANSISTOR	1	
Q3903		MSD601	TRANSISTOR	1	
Q3904		MSB709	TRANSISTOR	1	
Q3908		2SD1328	TRANSISTOR CHIP	1	
Q3909		MSD601	TRANSISTOR	1	
Q3910		MSB709	TRANSISTOR	1	
Q4002		2SB790	TRANSISTOR	1	
Q4003		MSB709	TRANSISTOR	1	
Q4004		2SB790	TRANSISTOR	1	
Q4005		2SB1321	TRANSISTOR	1	
Q4006		2SD1992A-R	TRANSISTOR	1	(R)
Q4007,08		MSD601	TRANSISTOR	2	
Q4011,12		MSD601	TRANSISTOR	2	
Q4015,16		2SD1328	TRANSISTOR CHIP	2	
Q4501		2SD655	TRANSISTOR	1	
Q4551		2SB561	TRANSISTOR	1	
Q4601,02		MSD1328	TRANSISTOR	2	
Q6001		2SD1991	TRANSISTOR	1	
Q6003		2SD893	TRANSISTOR	1	
Q6004,05		2SD1994-S	TRANSISTOR	2	(S)
Q6006		MSD602	TRANSISTOR	1	
Q6007,08		MSD601	TRANSISTOR	2	
Q6101		MSD601	TRANSISTOR	1	
Q6102		MSB709	TRANSISTOR	1	
Q7301		MSD601-S	TRANSISTOR	1	
Q7304,05		MSD601	TRANSISTOR	2	
Q7306		2SC2404-C	TRANSISTOR CHIP	1	(C,D)
Q7307		2SD1328	TRANSISTOR	1	
Q7401		2SB1320	TRANSISTOR	1	
Q7901,02		MSD601	TRANSISTOR	2	
Q7903		2SC3931CD	TRANSISTOR	1	
Q7904-07		2SB1219	TRANSISTOR	4	
Q7908,09		2SC3929	TRANSISTOR	2	
Q7910,11		2SD1820	TRANSISTOR	2	
Q7912		2SB1219	TRANSISTOR	1	
Q7913		2SB1218	TRANSISTOR	1	
Q7914,15		2SD1979-S	TRANSISTOR	2	
Q7916,17		2SB1219	TRANSISTOR	2	
			COMBINATION PARTS		
QR301		MRN2402	TRANSISTOR	1	
QR302		MRN1404	TRANSISTOR	1	
QR304,05		MRN1404	TRANSISTOR	2	
QR306		MRN1402	TRANSISTOR	1	
QR308		MRN1402	TRANSISTOR	1	
QR309		MRN2404	TRANSISTOR	1	
QR310		MRN1404	TRANSISTOR	1	
QR312		MRN1404	TRANSISTOR	1	
QR702		MRN1404	TRANSISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
QR703		MRN2403	TRANSISTOR-RESISTOR	1	
QR704		MRN1404	TRANSISTOR	1	
QR711,12		MRN1403	TRANSISTOR	2	
QR801		MRN1404	TRANSISTOR	1	
QR802		MRN1407	TRANSISTOR	1	
QR803,04		MRN1402	TRANSISTOR	2	
QR805,06		MRN1404	TRANSISTOR	2	
QR807		MRN1402	TRANSISTOR	1	
QR808		MRN1403	TRANSISTOR	1	
QR809		MRN1404	TRANSISTOR	1	
QR810		MRN2404	TRANSISTOR	1	
QR1001,02		MRN1402	TRANSISTOR	2	
QR2001,02		MRN1403	TRANSISTOR	2	
QR2502		MRN1403	TRANSISTOR	1	
QR2503		MRN1404	TRANSISTOR	1	
QR2504		MRN2404	TRANSISTOR	1	
QR3001		MRN2403	TRANSISTOR-RESISTOR	1	
QR3002-06		MRN1404	TRANSISTOR	5	
QR3008		DTC363EK	TRANSISTOR-RESISTOR	1	
QR3009		MRN2402	TRANSISTOR	1	
QR3010		MRN1402	TRANSISTOR	1	
QR3011		MRN1407	TRANSISTOR	1	
QR3012		MRN2402	TRANSISTOR	1	
QR3013		MRN1402	TRANSISTOR	1	
QR3014		MRN1404	TRANSISTOR	1	
QR3301-04		DTC363EK	COMBI.TR-R	4	
QR3305		MRN2403	TRANSISTOR-RESISTOR	1	
QR3306		DTC363EK	TRANSISTOR-RESISTOR	1	
QR3901		MRN1403	TRANSISTOR	1	
QR3902		MRN1402	TRANSISTOR	1	
QR4001		MRN1404	TRANSISTOR	1	
QR4002		MRN1402	TRANSISTOR	1	
QR4003		MRN1403	TRANSISTOR	1	
QR4004,05		MRN1402	TRANSISTOR	2	
QR4006		MRN1404	TRANSISTOR	1	
QR4007		MRN1403	TRANSISTOR	1	
QR4009,10		MRN1403	TRANSISTOR	2	
QR4012-14		MRN1404	TRANSISTOR	3	
QR4016		MRN1402	TRANSISTOR	1	
QR4017		MRN1404	TRANSISTOR	1	
QR4508,09		MRN2404	TRANSISTOR	2	
QR4510		MRN1403	TRANSISTOR	1	
QR4602		MRN2402	TRANSISTOR	1	
QR4603		MRN1404	TRANSISTOR	1	
QR5001,02		MRN2402	TRANSISTOR	2	
QR5003		MRN1402	TRANSISTOR	1	
QR5004		UN211H	IC	1	
QR5005		MRN2404	TRANSISTOR	1	
QR5006		UN211H	IC	1	
QR5007		MRN2404	TRANSISTOR	1	
QR5008		MRN2402	TRANSISTOR	1	
QR5009,10		MRN1404	TRANSISTOR	2	
QR5012		MRN1402	TRANSISTOR	1	
QR5014		MRN2404	TRANSISTOR	1	
QR5101		MRN1404	TRANSISTOR	1	
QR5102,03		MRN1402	TRANSISTOR	2	
QR5104		MRN1404	TRANSISTOR	1	
QR7301,02		MRN1404	TRANSISTOR	2	
QR7312-14		MRN1402	TRANSISTOR	3	
QR7315,16		MRN1404	TRANSISTOR	2	
QR7401		MRN1404	TRANSISTOR	1	
QR7402		DTC124TK	TRANSISTOR-RESISTOR	1	
QR7901,02		UN5213	TRANSISTOR	2	
QR7903		UN5112	TRANSISTOR-RESISTOR	1	
QR7904-06		UN5213	TRANSISTOR	3	
			RESISTORS		
R301,02		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R308		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R309		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R310		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R311		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R320,21		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R322		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R323		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R324		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R325		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R326		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R327		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R328		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R329		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R330		ERJ6GMYJ911	M.RESISTOR CH 1/10W 910	1	
R331		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R332		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R333		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R334		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R335		ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R336		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R337		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R338		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R340		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R341		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R342		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R343		ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R344		ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R345		ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R716		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R719		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R720		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R721,22		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R724		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R725		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R727		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R728		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R730		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R736		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R737		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R740		ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R742		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R743		ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R744		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R745		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R746		ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R750		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R758		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R763		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R772		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R774		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R781		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R790		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R793		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R794		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R796		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R797		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R798		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R802		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R803		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R804		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R805,06		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	2	
R807		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R809		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R810		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R811		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R812		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R813		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R814		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R815		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R816		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R817		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R818		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R819		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R820		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R821		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R822		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R823		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R824		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R825		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R826		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R831		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R832,33		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R835		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R836-38		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R839,40		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R841		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R842		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R843		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R844		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R845		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R846		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R847		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R848		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R849,50		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	2	
R851		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R852		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R853		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R854		ERJ6GEYJ684	M.RESISTOR CH 1/10W 680K	1	
R1002		ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	
R1003		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R1004		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R1701		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R1702		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R1703		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R2001,02		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2003		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2005,06		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2007		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2008,09		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	2	
R2010		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2011		ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R2012		ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2013		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2014		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2015		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2016		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2017		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2018		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2019		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R2020		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2021		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R2022,23		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R2024		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2025		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2501		ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2502		ERJ6GMYG752	M.RESISTOR CH 1/10W 7.5K	1	
R2503		ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R2504		ERJ6GMYG512	M.RESISTOR CH 1/10W 5.1K	1	
R2505		ERJ6GMYG513	M.RESISTOR CH 1/10W 51K	1	
R2507		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2508-10		ERDS2TJ560	C.RESISTOR 1/4W 56	3	
R2511,12		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R2513		ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2514		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2515		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2516		ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2517		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2520		ERDS2TJ681	C.RESISTOR 1/4W 680	1	
R2521		ERDS1TJ681	C.RESISTOR 1/2W 680	1	
R2522		ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R2523		ERJ6GMYG123	M.RESISTOR CH 1/10W 12K	1	
R2524		ERJ6GMYG393	M.RESISTOR CH 1/10W 39K	1	
R2525		ERJ6GMYG124	M.RESISTOR CH 1/10W 120K	1	
R2526		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2528		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2529		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R2530		ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R2531		ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2532		ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R2534		ERSF30JR90	M.RESISTOR 0.9	1	
R2535		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2537		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2538		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R2539		ERJ6GMYJ622	M.RESISTOR CH 1/10W 6.2K	1	
R2540		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R2541		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R2542		ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R2543		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2544		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3001,02		ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	2	
R3003,04		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3006		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3007		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3008		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3009		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3010		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3011		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3012		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3013		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3014		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3015		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3016		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3017		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3018,19		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R3020		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3021		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3022,23		ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	2	
R3024		ERJ6GMYG471	M.RESISTOR CH 1/10W 470	1	
R3025		ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	1	
R3026		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3027		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3028		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3029		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3030		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3031		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3032		ERJ6GMYG202	M.RESISTOR CH 1/10W 2K	1	
R3033		ERJ6GMYG222	M.RESISTOR CH 1/10W 2.2K	1	
R3034,35		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R3037		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3038		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3039-42		ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	4	
R3301		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3302		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3303		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3304		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3305		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3306		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3308		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3310		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3311-13		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R3320,21		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3322		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3323		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3324		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3325,26		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3327		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R3328		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3329		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3330		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3331		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3332		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3333		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3334		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3335		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3336,37		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R3338		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3339		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3340		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3341		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R3342		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3343		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3344-47		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	4	
R3348		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3349		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3350		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3351		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3352		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3353,54		ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	2	
R3355		ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3356		ERJ6GMYG112	M.REISITOR CH 1/10W 1.1K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R3367		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R3368		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3369		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3370		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3371		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3375,76		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R3377		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3378		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3379		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R3380		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3392		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3395		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3396		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R3802		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3803		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3804		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3806		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3807		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3809		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3810		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3811		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R3812		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R3813		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3814		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3822		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3823		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3824,25		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R3826		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3901-04		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	4	
R3905		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R3906		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3907		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3908,09		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	2	
R3910		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3916		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3917		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3918		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3919		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3920		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3921		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3922		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R3923,24		ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	2	
R3926,27		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R3928		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3938,39		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R3940		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3941-44		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	4	
R3945,46		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R3947,48		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R3949		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3950		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3951-53		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	3	
R4001		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R4003,04		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R4005		ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4006,07		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R4008		ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4009		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4010		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4012		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4013		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4014		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4015		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4018		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4019		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4022		ERJ6GMYG100	M.RESISTOR CH 1/10W 10	1	
R4025		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4026		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4033		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4034		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4035		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4036		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R4037		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4038,39		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R4040		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R4041,42		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	2	
R4044		ERJ6GMYG433	M.RESISTOR CH 1/10W 43K	1	
R4045		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4047		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4048-51		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	4	
R4052		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4053		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4054		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4055		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4101		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4102		ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R4103		ERJ6GMYG682	M.RESISTOR CH 1/10W 6.8K	1	
R4104		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4501,02		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4503		VRE0071E36C	M.RESISTOR	1	
R4504,05		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	2	
R4506,07		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R4508		ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4509		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4510		ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R4511		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4512		VRE0034E163	M.RESISTOR CH 1/10W 16K	1	
R4513		ERJ3GEYG103	M.RESISTOR CH 1/16W 10K	1	
R4514,15		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	2	
R4518,19		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	2	
R4522		ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R4527		VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4528		VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R4529		ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4530		ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4534		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4535		ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4539		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4540		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4541		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4542		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4543		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R4551,52		ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R4553		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4554		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4558		ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4561		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4562		VRE0034E10C	M.RESISTOR 1/10W	1	
R4563		ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	1	
R4568		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4569		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4573		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4577		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4578		VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
R4581		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4583		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4584		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4585		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4586		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4587,88		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R4591		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4592		ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R4593		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4594		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4603		ERJ3GEYG183	M.RESISTOR CH 1/16W 18K	1	
R4606		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4610		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4611		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R4612		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R4613		ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R4615		ERJ6GEYJ133	M.RESISTOR CH 1/10W 13K	1	
R4616		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4638		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R4649		ERJ3GEYG470	M.RESISTOR 1/16W 47	1	
R4651		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R4652		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4653		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R4654		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4655		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4656		ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R4657		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4666		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4901		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4902		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4903		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4904		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4905		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4906		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4907		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4908		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4909,10		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	2	
R4911		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4912		ERJ6GEYG163	M.RESISTOR CH 1/10W 16K	1	
R4913,14		ERJ6GEYG433	M.RESISTOR CH 1/10W 43K	2	
R4915		ERJ6GEYG163	M.RESISTOR CH 1/10W 16K	1	
R4916		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4917-20		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	4	
R4921		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4922,23		ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	2	
R4924		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4925,26		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R6001		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6002		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6003		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6004		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R6005		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6006,07		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6008-10		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	3	
R6011		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6012		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6013		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6014-20		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	7	
R6021		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6022		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6023		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6027		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6028		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6029		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6030		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6031		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6032		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6033		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6034		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6035		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6036		ERJ6GEYG201	M.RESISTOR CH 1/10W 200	1	
R6037		ERG2SJ150	M.RESISTOR 2W 15	1	
R6038		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6039		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6040		ERDJ2FCG220	C.RESISTOR 2W 22	1	<!>
R6041		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6043,44		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	2	
R6045		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6046		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6047		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6048,49		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6050,51		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6052		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6053		ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6054		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6055		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R6057		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6058		ERJ6GEYG131	M.RESISTOR CH 1/10W 130	1	
R6059		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6060,61		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6062		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6063		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6064		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6101		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6102,03		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6104,05		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6108,09		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R6110		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6111		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6305		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7302		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R7303		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7304		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7305		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7306		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7307		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7308		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R7309		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R7310		ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R7311		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7312		ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R7313		ERJ6GEYJ824	M.RESISTOR CH 1/10W 820K	1	
R7314,15		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	2	
R7316		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7317		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7318		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R7321		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7322		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7323		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7324,25		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	2	
R7329		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7330		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7334-37		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	4	
R7338		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7339		ERJ6GEYJ330	M.RESISTOR CH 1/10W 33	1	
R7340		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7341		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R7342		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7345		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7346		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7347		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R7348		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7349		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7351-53		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R7354,55		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R7401		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7402		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7403		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R7405-13		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	9	
R7416,17		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7419		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7420,21		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R7422-24		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	3	
R7656		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7676		ERG1SJ152	M.RESISTOR 1W 1.5K	1	
R7901		ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R7902		ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R7903		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7904		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7905		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7906		ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	1	
R7907		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R7908		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7909-12		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	4	
R7913-15		ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	3	
R7917		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7918-21		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R7922		ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7923		ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R7924-26		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R7927		ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7928		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7929		ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7930		ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R7931-33		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R7934		ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7935		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7936		ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7937		ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7938		ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7939		ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R7940		ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R7941		ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7942		ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7943		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7944		ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R7945		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7946,47		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R7948		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7949		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7950		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7951,52		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	2	
R7953		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7954,55		ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	2	
R7956		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7957		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7958,59		ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	2	
R7960,61		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R7964		ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R7965-72		ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	8	
R7973-77		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R7978		ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7979		ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R7980		ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7981,82		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R7983,84		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R7985,86		ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	2	
R7987		ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7988		ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R7989		ERDS2TJ823	C.RESISTOR 1/4W 82K	1	
			SWITCHES		
SW3901		VSS0157	SWITCH	1	
			TRANSFORMERS		
T703		EIV5EC046A	TRANSFORMER	1	
T704		EIV5EC006A1	TRANSFORMER	1	
T1701		VLT0683	TRANSFORMER	1	
T4001		EIQ7QF013Q	TRANSFORMER	1	
T7301		EIR7QG001B	IF TRANSFORMER	1	
T7302,03		EIL7QH012Q	TRANSFORMER	2	
T7304		EIS5EC007A	TRANSFORMER	1	
T7305		EIS5EC005A	TRANSFORMER	1	
			VARIABLE RESISTORS		
VR301		EVN49CA00B23	V.RESISTOR	1	
VR302,03		EVN49CA00B13	V.RESISTOR	2	
VR304		EVMF6SA00B23	V.RESISTOR 2K	1	
VR701,02		EVTF6SA00B53	V.RESISTOR	2	
VR741		EVNDXAA00B14	V.RESISTOR 10K	1	
VR801		EVND1AA00B14	V.RESISTOR 10K	1	
VR802		EVMF6SA00B14	V.RESISTOR 10K	1	
VR2001		EVNDXAA00B54	V.RESISTOR 50K	1	
VR2006		EVNDXAA00B15	V.RESISTOR 100K	1	
VR2011		EVNDXAA00B15	V.RESISTOR 100K	1	
VR2018,19		EVNDXAA00B15	V.RESISTOR 100K	2	
VR3001-03		EVNDXAA00B23	V.RESISTOR 2K	3	
VR3004		VRV0148B473T	V.RESISTOR	1	
VR3301		EVMF6SA00B24	V.RESISTOR 20K	1	
VR3302		EVN49CA00B54	V.RESISTOR	1	
VR3304,05		EVN49CA00B52	V.RESISTOR 500	2	
VR3801		EVMF6SA00B13	V.RESISTOR	1	
VR3802		EVMF6SA00B23	V.RESISTOR 2K	1	
VR4001		EVNDXAA00B25	V.RESISTOR 200K	1	
VR4501		EVMFLSA00B53	V.RESISTOR	1	
VR4502		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4507		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4509		EVMFLSA00BY3	V.RESISTOR	1	
VR4512		EVNDXAA00B52	V.RESISTOR 500	1	
VR4550		EVMFLSA00BS3	V!RESISTOR	1	
VR4551,52		EVMF6SA00B55	V.RESISTOR	2	
VR7301		EVMF6SA00B14	V.RESISTOR 10K	1	
VR7326		EVMF6SA00B52	V.RESISTOR	1	
VR7328		EVMF6SA00B52	V.RESISTOR	1	
VR7340		EVNE4AA00B14	V.RESISTOR 10K	1	
VR7342		EVNE4AA00B53	V.RESISTOR 5K	1	
VR7344		EVNE4AA00B14	V.RESISTOR 10K	1	
VR7901,02		EVNDXAA00B14	V.RESISTOR 10K	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
VR7903		EVTF6SA00B55	V.RESISTOR	1	
			CRYSTAL OSCILLATORS		
X301		VSX0225	CRYSTAL OSCILLATOR	1	
X710		EFCH38MG21	CRYSTAL OSCILLATOR	1	
X713		EFCS5R5MW5	FILTER	1	
X801		VSX0406	CRYSTAL OSCILLATOR	1	
X3901		VSX0099	CRYSTAL OSCILLATOR	1	
X6001		VSX0415	CRYSTAL OSCILLATOR	1	
X6002		VSX0258	CRYSTAL OSCILLATOR	1	
X6003		VSQ0565	CRYSTAL OSCILLATOR	1	
X7301,02		EFCS5R5MS5B	CRYSTAL OSCILLATOR	2	
X7303,04		EFCS5R74MS5B	CRYSTAL OSCILLATOR	2	
X7305		ELR5A016	FILTER	1	
X7901		VSX0514	CRYSTAL OSCILLATOR	1	
X7902		VSX0512	CRYSTAL OSCILLATOR	1	
X7903		EFCA5504BF	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJH0650	JACK PLATE	1	
		ENC17984	RF CONVERTER	1	<!>
		VWJ0666	FLAT CADE CABLE 16P	1	
		VWJ0667	FLAT CADE CABLE 18P	1	
		VWJ04NB080Q0	FLAT CADE CABLE	1	(P6002-P1503)
		VMT0199	PLATE SPACER	1	
		VMZ1352	HEAT SINK COVER	2	FOR SERVO PACK C.B.A.
		VEJ1230	JACK PLATE	1	FOR INPUT/OUTPUT PACK
		VGU2707	EDIT KNOB	1	FOR INPUT/OUTPUT PACK
		VSC3553	SHIELD COVER (MAIN)	1	FOR NICAM DECODER
		VSC3554	SHIELD COVER (TOP)	1	FOR NICAM DECODER
		VSC3555	SHIELD COVER (BOTTOM)	1	FOR NICAM DECODER
		ENV57884H6	TUNER	1	<!>FOR TV DEMODULATOR
		VSC3242	SHIELD COVER (MAIN)	1	FOR TV DEMO. C.B.A.
		VSC3241	SHIELD COVER (TOP)	1	FOR TV DEMO. C.B.A.
	■	VEP06777H	MAIN C.B.A.		(NLA)NV-FS88B
			CONNECTORS		
BP1004		VJF0094	CONNECTOR	1	
			CAPACITORS		
C303		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C305		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C306		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C307		ECUM1H050CCN	C.CAPACITOR CH 50V 5P	1	
C308		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C309		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C310		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C311		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C312		ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C319		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C320		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C321		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C322		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C323		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C324		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C325		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C326		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C327-30		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	4	
C331,32		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C333		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C334-36		ECEA1CK100	E.CAPACITOR 16V 10U	3	
C337		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C338		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C339		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C340		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C341		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C343		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C344		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C345		ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1	
C346		ECCF1H470JC4	C.CAPACITOR 50V 47P	1	
C701		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C702		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C706		ECUY1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C708		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C719		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C720		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C721		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C723		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C728		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C731		VCEA1CAC100	E.CAPACITOR 16V 10U	1	
C732		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C735		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C736,37		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C739		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C740		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C742		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C743		ECUM1H270JSN	C.CAPACITOR CH 50V 27P	1	
C744,45		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	2	
C746		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C747		ECUM1H680JPN	C.CAPACITOR CH 50V 68P	1	
C748		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C749		ECEA1CFK100	E.CAPACITOR 16V 10U	1	
C760		ECQV1H563JZ	P.CAPACITOR 50V 0.056U	1	
C761		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C806		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C807		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C808		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C809		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C810		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C811		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C812		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C813		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C814-16		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	3	
C817		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C818		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C819		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C820		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C821		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C822		ECRHA020D41	TRIMMER	1	
C823		ECQV1H154JZ	P.CAPACITOR 50V 0.15U	1	
C824		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C826		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C827		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C828		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C829-31		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C832,33		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C834		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C835		ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C836		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C837		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C838,39		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C840		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C841		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C842		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C843		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C844		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C845		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C846		ECUM1C105ZFN	C.CAPACITOR 16V 1U	1	
C847		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C848		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C849		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C850,51		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C852		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C1009		ECEA1AK330	E.CAPACITOR 10V 33U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C1010		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C1701		ECKDZH152KB	C.CAPACITOR 500V 1500P	1	
C1702		ECA1CM101	E.CAPACITOR 16V 100U	1	
C1703		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1704		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C1705		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C1706		ECA1VM100	E.CAPACITOR 35V 10U	1	
C1707		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C1708		ECA1CM221	E.CAPACITOR 16V 220U	1	
C2001		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C2002		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C2003		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C2004		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C2005		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2006		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C2007		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2008		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C2009		VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C2010		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2011,12		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	2	
C2013,14		ECEA1HKN3R3	E.CAPACITOR 50V 3.3U	2	
C2015		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2016		ECQB1H472JZ	F.CAPACITOR 50V 4700P	1	
C2017		ECQV1H184JZ	P.CAPACITOR 50V 0.18U	1	
C2019		ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C2020		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2021		ECEA1AK470	E.CAPACITOR 10V 47U	1	
C2022		ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C2023,24		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C2025		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C2026		ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C2027		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2028		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C2029		ECQB1H392J	P.CAPACITOR 50V 3900P	1	
C2501		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C2502		ECEA0JM221	E.CAPACITOR 6.3V 220U	1	
C2503,04		ECQV1H333JZ	P.CAPACITOR 50V 0.033U	2	
C2505		ECEA1CU470	E.CAPACITOR 16V 47U	1	
C2506-09		ECQV1H333JZ	P.CAPACITOR 50V 0.033U	4	
C2510-12		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	3	
C2513,14		ECUM1C105ZFN	C.CAPACITOR 16V 1U	2	
C2515		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2516		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C2517		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C2518		ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C2519		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C2520		ECEA1HKNR47	E.CAPACITOR 50V 0.47U	1	
C2521		ECA1EM470	E.CAPACITOR 25V	1	
C2522		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C2524,25		ECA1CM221	E.CAPACITOR 16V 220U	2	
C2526		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C2527		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C2528		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C2529		ECUM1E224ZFM	C.CAPACITOR CH 25V 0.22U	1	
C2530		ECUM1E223KBN	C.CAPACITOR CH 25V 0.023U	1	
C2531		VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C3001		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3002		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3003,04		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3006,07		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C3009		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3010		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3011		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3012,13		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C3014,15		ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C3016		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3017,18		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3019,20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3021,22		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3023		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3024		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3025		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3026		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3027,28		ECEA1HK010	E.CAPACITOR 50V 1U	2	
C3029		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3033	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3034	ECAOJM331	E.CAPACITOR 6.3V 330U	1	
C3035	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3036	ECAOJM331	E.CAPACITOR 6.3V 330U	1	
C3037	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3038	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3039	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3040	ECAOJM221	E.CAPACITOR 6.3V 220U	1	
C3041	ECEA1AKN470	E.CAPACITOR 10V 47U	1	
C3042	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3043	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3044	ECUM1H561KBN	C.CAPACITOR CH 50V 560P	1	
C3301	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3302	ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C3304-08	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	5	
C3309	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3310	ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C3313,14	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3315	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3316	ECUM1H271JCN	C.CAPACITOR CH 50V 270P	1	
C3321	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3322	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3323	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3324	ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C3325	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3326	ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C3327,28	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3329	ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C3330	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3331	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3332	ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3333	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3334	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3335	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3336	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3337	ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C3338	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3339	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3340	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3341	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3342	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3343	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3344	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3345	ECUM1H391KBN	C.CAPACITOR CH 50V 390P	1	
C3346	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3347	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3349	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3350	ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C3351,52	ECUM1H181JCN	C.CAPACITOR CH 50V 180P	2	
C3353	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3354	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3355	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3356	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3357	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3358	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C3364	ECEAOJKN470	E.CAPACITOR 6.3V 47U	1	
C3365	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3366	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3371	ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C3372	ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C3382	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3801	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3802	ECEAOJK101	E.CAPACITOR 6.3V 100U	1	
C3804	ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3805,06	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3807	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3808,09	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3810	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C3811,12	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3813	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C3814	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C3815	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3819	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3901,02	ECEAOJK101	E.CAPACITOR 6.3V 100U	2	
C3903	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3904	ECEA1AK470	E.CAPACITOR 10V 47U	1	
C3905	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3906	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3907	ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C3908,09	ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3910	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3911,12	ECEAOJK101	E.CAPACITOR 6.3V 100U	2	
C3913	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3914	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C3915	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3916	ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C3917	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3918	ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C3919	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3920	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3921-24	ECEAOJK101	E.CAPACITOR 6.3V 100U	4	
C4001	ECEAOJK101	E.CAPACITOR 6.3V 100U	1	
C4002,03	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C4005	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4006	ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C4007	ECEA16M33	E.CAPACITOR 16V 33U	1	
C4008	ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4009	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4010	ECQP1222JZ	P.CAPACITOR 0.0022U	1	
C4011	ECCD2H181J	C.CAPACITOR 500V 180P	1	
C4013	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C4014,15	ECEA1CK100	E.CAPACITOR 16V 10U	2	
C4016	ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C4017	ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4018	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4019	ECUM1H222JUN	C.CAPACITOR CH 50V 2200P	1	
C4020,21	ECUM1H224ZFM	C.CAPACITOR CH 50V 0.22U	2	
C4023	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4024	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4501	ECQB1H152JH	P.CAPACITOR 50V 1500P	1	
C4502	ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4503	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4504,05	ECEA1CP2470	E.CAPACITOR 16V 47U	2	
C4506	VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4507	ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4508	ECEA1EBZ4R7	E.CAPACITOR 25V 4.7U	1	
C4509	ECEA1AP2470	E.CAPACITOR 10V 47U	1	
C4510	ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4511	ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4512	ECUX1H561JV	C.CAPACITOR CH 50V 560P	1	
C4513	ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4514	ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4515	VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4517	ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4518	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4521	ECUM1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C4522	VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4528	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4530	ECEAOJPK470	E.CAPACITOR 6.3V 47U	1	
C4533	ECEA1CPZ330	E.CAPACITOR 16V 33U	1	
C4537	ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C4538	ECEA1HUR47	E.CAPACITOR 50V 0.47U	1	
C4539	ECUM1C224ZFN	C.CAPACITOR CH 16V 0.22U	1	
C4541	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4545	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4552	ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4556	VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4557	ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4558	ECEA1EBZ4R7	E.CAPACITOR 25V 4.7U	1	
C4559	ECEA1AP2470	E.CAPACITOR 10V 47U	1	
C4560	ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4561	ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4562	ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4563	ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4564	ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4565	VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4567	ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4568	ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4572	VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4576	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C4583		ECEA1CPZ330	E.CAPACITOR 16V 33U	1	
C4585,86		ECEA1APZ101	E.CAPACITOR 10V 100U	2	
C4591		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C4592		ECUC1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4604		ECUM1H182JN	C.CAPACITOR CH 50V 1800P	1	
C4606		VCEA0JAC470	E.CAPACITOR 6.3V 47U	1	
C4611		ECQB1H182JZ	F.CAPACITOR 50V 1800P	1	
C4613		ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C4616		ECUX1H102ZFV	C.CAPACITOR CH 50V 1000P	1	
C4617		ECEA10M22	E.CAPACITOR 10V 22U	1	
C4618		ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4619		ECEA1APB100	E.CAPACITOR 10V 10U	1	
C4621		ECEA0JPK101	E.CAPACITOR 6.3V 100U	1	
C4629		ECQB1H562JZ	P.CAPACITOR 50V 5600P	1	
C4636		ECUM1H471JN	C.CAPACITOR CH 50V 470P	1	
C4638		ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4651		ECQB1H333JA	P.CAPACITOR 50V 0.033U	1	
C4652,53		ECUM1C105ZFN	C.CAPACITOR 16V 1U	2	
C4901-04		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	4	
C4908-10		VCEA1CAD100	E.CAPACITOR 16V 10U	3	
C4912		VCEA0JAC101	E.CAPACITOR 6.3V 100U	1	
C4913		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4914		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4915		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4916		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4917		VCEA1CAD100	E.CAPACITOR 16V 10U	1	
C4918		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4919		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4920		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4921		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C4922		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4923,24		ECQB1H332JH	P.CAPACITOR 50V 0.27U	2	
C4925		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4926		VCEA0JAC101	E.CAPACITOR 6.3V 100U	1	
C4927,28		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C6001		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6002		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6003,04		ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C6005		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6006		ECQB1H392J	P.CAPACITOR 50V 3900P	1	
C6007		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6009,10		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	2	
C6014		ECA0JM331	E.CAPACITOR 6.3V 330U	1	
C6015		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6016		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6017		ECA1CM222	E.CAPACITOR 16V 2200U	1	
C6018		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6019		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C6020,21		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C6022,23		ECUM1H271JCN	C.CAPACITOR CH 50V 270P	2	
C6024		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C6025		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C6101		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6102		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C6103		ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C6302		EECS5R5V105	TRIMMER	1	
C7401		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7402,03		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7404		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7405,06		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7407		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7408		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7409		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7651		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7653		ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	
C7654		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C7655,56		ECEA1HK010	E.CAPACITOR 50V 1U	2	
C7657		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7658		ECQP1H562JZ	P.CAPACITOR 50V 5600P	1	
C7659		ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7661		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7662		ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C7663		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C7664		ECQB1H273JH	P.CAPACITOR 50V 0.027U	1	
C7665,66		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C7667		ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7670		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7675		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C7676,77		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7680		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C7681,82		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7901-03		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	3	
C7904		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7905		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7906		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7907		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7908		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7909		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7910		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7911-13		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	3	
C7914		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7915		ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7916		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7917		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7918		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7919		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7920		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7921		ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C7922		ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7923		ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7924		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7925		ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C7926		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7927		ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C7928		ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7929		ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7930		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7931		ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C7932,33		ECEA1CKN100	E.CAPACITOR 16V 10U	2	
C7934		ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7935		ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C7937		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7938		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7939,40		ECEA1HKN0R1	E.CAPACITOR 50V 0.1U	2	
C7941		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7942		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7943		ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7945		ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C7946		ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7947		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7948		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7949		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C7950-53		ECEA1CKN100	E.CAPACITOR 16V 10U	4	
C7954		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7955-58		ECEA1CK100	E.CAPACITOR 16V 10U	4	
C7960		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7961		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7963		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7964		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7965,66		ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	2	
C7967		ECEA1CK100	E.CAPACITOR 16V 10U	1	
			DIODES		
D301		MA723VT	DIODE	1	(VT)
D302		MA4091-M	DIODE	1	
D303		1SS254	DIODE	1	
D304		MA151K	DIODE	1	
D710		MA3100L	DIODE	1	
D771		MA151WK	DIODE	1	
D772		MA165VT	DIODE	1	
D801		1SS254	DIODE	1	
D802		MA151WK	DIODE	1	
D803		MA151WK	DIODE	1	
D805		1SS254	DIODE	1	
D806		MA723VT	DIODE	1	(VT)
D807		1SS254	DIODE	1	
D808		MA151WA	DIODE	1	
D811		1SS254	DIODE	1	
D813,14		1SS254	DIODE	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
D1006		1SS254	DIODE	1	
D1701		SB05-05CP	DIODE	1	
D1702		MA4300H	DIODE	1	
D1703		MA185	DIODE	1	
D2002		1SS254	DIODE	1	
D2501		1SS254	DIODE	1	
D2503-10		1SS254	DIODE	8	
D2511		AK04	DIODE	1	
D2512		MA723VT	DIODE	1	(VT)
D2515		1SS254	DIODE	1	
D3004		1SS254	DIODE	1	
D3006		MA723VT	DIODE	1	(VT)
D3007		1SS254	DIODE	1	
D3010		1SS254	DIODE	1	
D3011		MA723VT	DIODE	1	(VT)
D3301,02		1SS254	DIODE	2	
D3304		MA723VT	DIODE	1	(VT)
D3305		1SS254	DIODE	1	
D3901		MA4056MTA	DIODE	1	
D3902,03		1SS254	DIODE	2	
D4005		1SS254	DIODE	1	
D4501,02		MA151K	DIODE	2	
D4503		MA151K	DIODE	1	
D4504		MA151K	DIODE	1	
D4601,02		MA151K	DIODE	2	
D6001		MA723VT	DIODE	1	(VT)
D6002		AK04	DIODE	1	
D6003,04		MA723VT	DIODE	2	(VT)
D6005,06		1SS254	DIODE	2	
D6007		ERA15-01	DIODE	1	
D6008		AK04	DIODE	1	
D6009-11		1SS254	DIODE	3	
D6013-15		1SS254	DIODE	3	
D6101,02		MA156	DIODE	2	
D6105		AK04	DIODE	1	
D6106-09		1SS254	DIODE	4	
D7401		MA723VT	DIODE	1	(VT)
D7403-07		1SS254	DIODE	5	
D7408		MA29W-A	DIODE	1	
D7601		MA151WK	DIODE	1	
D7602		MA3082M	DIODE	1	
D7901,02		MA141WK	DIODE	2	
D7904		MA141K	DIODE	1	
D7905		MA141WA	DIODE	1	
D7906		MA141WK	DIODE	1	
D7907		MA141K	DIODE	1	
			DELAY LINES		
DL801		VLD0147	DELAY LINE	1	
DL802		EFDVR645A45A	DELAY LINE	1	
DL3801		EFDUN124A13N	DELAY	1	
			CONNECTORS		
FG		VJS1231R	CONNECTOR (FEMALE)	1	
			FILTERS		
FL301		VLF0639	FILTER	1	
FL302		ELB4M022	FILTER	1	
FL303		VLF0727	FILTER	1	
FL801		ELB4W002	FILTER	1	
FL3301		ELB4R031	FILTER	1	
FL3302		VLF0766	FILTER	1	
FL3303		VLF0765	FILTER	1	
FL4501		VLF0947	FILTER	1	
FL7901		VLF0702	FILTER	1	
FL7902		ELKAW103EB	FILTER	1	
FL7903		ELKAW101GB	COIL 100UH	1	
FL7904,05		ELKAW103EB	FILTER	2	
FL7907-11		ELKAW103EB	FILTER	5	
FL7914,15		ELKAW101GB	COIL 100UH	2	
FL7916		VLF0633	FILTER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			INTEGRATED CIRCUITS		
IC301		VEFH20B	IC	1	
IC302		MSM6965-3RS	IC	1	
IC701		M52014SP	IC	1	
IC801		VCR0284	IC	1	
IC802		NJM2233BMA	IC	1	
IC803		M52063SP	IC	1	
IC2001		AN3727S	IC	1	
IC2002		UPC358G2	IC	1	
IC2003		MN4066BS	IC	1	
IC2501		BA6435S	IC	1	
IC2502		UPC358G2	IC	1	
IC2503		SI-3090CLF	IC	1	
IC2504		TPIC0130N	IC	1	
IC3001,02		NJM2233BMA	IC	2	
IC3003		M52055FP	IC	1	
IC3004		AN3581S	IC	1	
IC3301		M52083FP	IC	1	
IC3302		AN6308S	IC	1	
IC3801		AN3497SB	IC	1	
IC3901		M52474P	IC	1	
IC3902		BA7004	IC	1	
IC3903		AN3916	IC	1	
IC4001		RC4565DD	IC	1	
IC4501		BH7770KS	IC	1	
IC4601		BA7755AF	IC	1	
IC4901		LA7155M	IC	1	
IC6001		MN67431VREQ	IC	1	
IC6002		MC14519BF	IC	1	
IC6003		BU5863F	IC	1	
IC6004		MN1280S	IC	1	(S)
IC7401		M66006FP	IC	1	
IC7651		AN5421	IC	1	
IC7652		AN5043	IC	1	
IC7653		MN4066BS	IC	1	
IC7901		TB1204F	IC	1	
IC7902		TA2009F	IC	1	
IC7903		M5238FP	IC	1	
			CONNECTORS		
J3951,52		VJS1470	CONNECTOR (FEMALE)	2	
			COILS		
L303		ELESQ101KA	COIL 100UH	1	
L304		VLQ0407101K	COIL 100UH	1	
L305,06		ELESQ101KA	COIL 100UH	2	
L308		ELESP180JA	COIL 18UH	1	
L701		ELESP680KA	COIL 68UH	1	
L713		VLQ0213K1R2	COIL 1.2UH	1	
L714		ELQT1R2KB	COIL 1.2UH	1	
L718		ELESP680KA	COIL 68UH	1	
L719		ELESQ150KA	COIL 15UH	1	
L803,04		ELESQ101KA	COIL 100UH	2	
L805		VLQ0188J330	COIL 33UH	1	
L806,07		ELESQ681KA	COIL 680UH	2	
L808		ELESQ331KA	COIL 330UH	1	
L809		VLQ0188J470	COIL 47UH	1	
L810		VLQ0407101K	COIL 100UH	1	
L811-13		VLQ0188J150	COIL 15UH	3	
L814		VLQ0188J330	COIL 33UH	1	
L815		ELESQ101KA	COIL 100UH	1	
L2001		ELESQ101KA	COIL 100UH	1	
L2002		VLP0099	COIL	1	
L2003		VLQ0569	COIL	1	
L2004		VLQ0552	COIL	1	
L2501		ELESP102KA	COIL 1000UH	1	
L2502,03		ELESQ101KA	COIL 100UH	2	
L2505		VLQ0558K331	COIL 330UH	1	
L2506		ELC07B009	COIL	1	
L3001-03		ELESQ101KA	COIL 100UH	3	
L3005		ELESQ101KA	COIL 100UH	1	
L3006		VLQ0398	COIL	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L3007	ELESQ101KA	COIL 100UH	1	
L3008-11	VLQ0556	COIL	4	
L3301	VLQ0188J150	COIL 15UH	1	
L3303	VLQ0188J101	COIL 100UH	1	
L3306	VLQ0188J390	COIL 39UH	1	
L3307	VLQ0188J120	COIL 12UH	1	
L3308	VLQ0188J330	COIL 33UH	1	
L3309	VLQ0188J181	COIL 180UH	1	
L3310	VLQ0188J270	COIL 27UH	1	
L3311	VLQ0188J820	COIL 82UH	1	
L3312	VLQ0188J151	COIL 150UH	1	
L3313	ELESQ681KA	COIL 680UH	1	
L3314	VLQ0188J101	COIL 100UH	1	
L3315,16	VLQ0188J5R6	COIL 5.6UH	2	
L3317	VLQ0188J120	COIL 12UH	1	
L3318	ELESQ101KA	COIL 100UH	1	
L3322,23	ELESQ101KA	COIL 100UH	2	
L3801	ELESQ101KA	COIL 100UH	1	
L3802,03	VLQ0188J150	COIL 15UH	2	
L3804	VLQ0188J151	COIL 150UH	1	
L3805	VLQ0188J270	COIL 27UH	1	
L3901-05	ELESQ101KA	COIL 100UH	5	
L4001	ELESP471KA	COIL 470UH	1	
L4002,03	ELESQ101KA	COIL 100UH	2	
L4501,02	ELESQ101KA	COIL 100UH	2	
L4601	VLQEL07F153J	COIL 15MH	1	
L4901	ELESP102KA	COIL 1000UH	1	
L4902,03	ELESQ101KA	COIL 100UH	2	
L4904-06	ELESP102KA	COIL 1000UH	3	
L4907-10	ELESQ101KA	COIL 100UH	4	
L4911,12	ELESP102KA	COIL 1000UH	2	
L6001	VLP0074	COIL	1	
L7401-03	ELESQ101KA	COIL 100UH	3	
L7404	ELESE1R0KA	COIL 1UH	1	
L7901,02	VLP0083	FILTER	2	
		CONNECTORS		
P001	VJS1738	CONNECTOR (FEMALE)	1	
P501	VJS1238T	CONNECTOR (FEMALE)	1	
P501	VJS1743	CONNECTOR (FEMALE)	1	
P551	VJS1741	CONNECTOR (FEMALE)	1	
P1001	VJP2593	CONNECTOR (MALE)	1	
P1001	VJS2593	CONNECTOR (FEMALE)	1	
P1101	VJS1932T	CONNECTOR (FEMALE)	1	
P1103	VJS1142	CONNECTOR (FEMALE)	1	
P1502	VJS1141	CONNECTOR (FEMALE)	1	
P2002	VJP1232T	CONNECTOR (MALE) 5P	1	
P2002	VJS1738	CONNECTOR (FEMALE)	1	
P2003	VJP1229T	CONNECTOR (MALE) 2P	1	
P2501	VJS3193B015A	CONNECTOR (FEMALE)	1	
P2502	VJP1244T	CONNECTOR (MALE) 4P	1	
P2502	VJS1231R	CONNECTOR (FEMALE)	1	
P3001	VJP3078	CONNECTOR (MALE)	1	
P3001	VJS1743	CONNECTOR (FEMALE)	1	
P3001	VJS3078	CONNECTOR (FEMALE)	1	
P3003	VJP1235T	CONNECTOR (MALE) 8P	1	
P3003	VJS1235T	CONNECTOR (FEMALE)	1	
P3007	VJP1229T	CONNECTOR (MALE) 2P	1	
P3007	VJS1735	CONNECTOR (FEMALE)	1	
P3301	VJP1229T	CONNECTOR (MALE) 2P	1	
P3301	VJS1735	CONNECTOR (FEMALE)	1	
P3991	VJS1235T	CONNECTOR (FEMALE)	1	
P4001	VJP3103	CONNECTOR (MALE)	1	
P4002	VJP1235T	CONNECTOR (MALE) 8P	1	
P4002	VJS1741	CONNECTOR (FEMALE)	1	
P4003	VJP1229T	CONNECTOR (MALE) 2P	1	
P4003	VJS1229T	CONNECTOR (FEMALE)	1	
P4004	VJP3079	CONNECTOR (MALE)	1	
P4004	VJS3079	CONNECTOR (FEMALE)	1	
P6001	VJS3193A015A	CONNECTOR (FEMALE)	1	
P6004	VJS2571A004	CONNECTOR (FEMALE)	1	
P6501	VJS1744	CONNECTOR (FEMALE)	1	
P6502	VJS3079	CONNECTOR (FEMALE)	1	
P7403	VJS1744	CONNECTOR (FEMALE)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P7501	VJS3193A016A	CONNECTOR (FEMALE)	1	
P7502	VJS1455	CONNECTOR (FEMALE)	1	
P7503	VJP3079	CONNECTOR (MALE)	1	
PK3021-24	VJR0190	PACK PIN	4	
PK7901,02	VJR0477	PACK PIN	2	
PP2501	VJP3043G010W	CONNECTOR (MALE)	1	
PP2502	VJP3043G008W	CONNECTOR (MALE)	1	
PP2503	VJP3043G012W	CONNECTOR (MALE)	1	
PP3001	VJP3044G009W	CONNECTOR (MALE)	1	
PP3002,03	VJP3044G012W	CONNECTOR (MALE)	2	
PP3011,12	VJP3042A018W	CONNECTOR (MALE)	2	
PP4001-03	VJP3186A018	CONNECTOR (MALE)	3	
PP7401-03	VJP3043A005W	CONNECTOR (MALE)	3	
PP7404	VJP3043A006W	CONNECTOR (MALE)	1	
PP7705	VJP3043A006W	CONNECTOR (MALE)	1	
PS701-03	VJS3043B005W	CONNECTOR (FEMALE)	3	
PS704	VJS3043B006W	CONNECTOR (FEMALE)	1	
PS2501	VJS3043B010W	CONNECTOR (FEMALE)	1	
PS2502	VJS3043F008W	CONNECTOR (FEMALE)	1	
PS2503	VJS3043F012W	CONNECTOR (FEMALE)	1	
PS3001	VJS3044F009W	CONNECTOR (FEMALE)	1	
PS3002,03	VJS3044F012W	CONNECTOR (FEMALE)	2	
PS3011,12	VJS3042F016W	CONNECTOR (FEMALE)	2	
PS4001-03	VJS3186B018	CONNECTOR (FEMALE)	3	
		TRANSISTORS		
Q301-03	MSC2295	TRANSISTOR	3	
Q703	MSD601-S	TRANSISTOR	1	
Q711	2SB709	TRANSISTOR CHIP	1	(Q,R,S)
Q712	2SD1996-R	TRANSISTOR	1	
Q713	2SD1328	TRANSISTOR	1	
Q771	MSD601	TRANSISTOR	1	
Q772	MSD601-S	TRANSISTOR	1	
Q801	MSB709	TRANSISTOR	1	
Q802	MSD601	TRANSISTOR	1	
Q804	MSB709	TRANSISTOR	1	
Q1701	2SD973B-R	TRANSISTOR	1	
Q2001	2SD1915F	TRANSISTOR	1	
Q2002	MSB709	TRANSISTOR	1	
Q2003	MSD601	TRANSISTOR	1	
Q2501	2SB772	TRANSISTOR	1	
Q3001,02	MSD601	TRANSISTOR	2	
Q3003	2SD1328	TRANSISTOR CHIP	1	
Q3004,05	MSC2295	TRANSISTOR	2	
Q3006	MSB709	TRANSISTOR	1	
Q3007	MSD601	TRANSISTOR	1	
Q3301,02	MSC2295	TRANSISTOR	2	
Q3304,05	MSD601	TRANSISTOR	2	
Q3306	MSB709	TRANSISTOR	1	
Q3307,08	MSC2295	TRANSISTOR	2	
Q3309	MSD601	TRANSISTOR	1	
Q3315,16	MSC2295	TRANSISTOR	2	
Q3317	MSD601	TRANSISTOR	1	
Q3801	MSD601	TRANSISTOR	1	
Q3804	MSC2295	TRANSISTOR	1	
Q3805	MSB709	TRANSISTOR	1	
Q3901	MSD601	TRANSISTOR	1	
Q3902	2SB1320	TRANSISTOR	1	
Q3903	MSD601	TRANSISTOR	1	
Q3904	MSB709	TRANSISTOR	1	
Q3905	MSC2295	TRANSISTOR	1	
Q3907	MSB709	TRANSISTOR	1	
Q3908	2SD1328	TRANSISTOR CHIP	1	
Q4002	2SB790	TRANSISTOR	1	
Q4003	MSB709	TRANSISTOR	1	
Q4004	2SB790	TRANSISTOR	1	
Q4005	2SB1321	TRANSISTOR	1	
Q4006	2SD1992A-R	TRANSISTOR	1	(R)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q4007,08	MSD601	TRANSISTOR	2	
Q4011,12	MSD601	TRANSISTOR	2	
Q4015,16	2SD1328	TRANSISTOR CHIP	2	
Q4501	2SD655	TRANSISTOR	1	
Q4551	2SB561	TRANSISTOR	1	
Q4601,02	MSD1328	TRANSISTOR	2	
Q6001	2SD1991	TRANSISTOR	1	
Q6003	2SD893	TRANSISTOR	1	
Q6004,05	2SD1994-S	TRANSISTOR	2	(S)
Q6006	MSD602	TRANSISTOR	1	
Q6007,08	MSD601	TRANSISTOR	2	
Q6101	MSD601	TRANSISTOR	1	
Q6102	MSB709	TRANSISTOR	1	
Q7401	2SB1320	TRANSISTOR	1	
Q7901,02	MSD601	TRANSISTOR	2	
Q7903	2SC3931CD	TRANSISTOR	1	
Q7904-07	2SB1219	TRANSISTOR	4	
Q7908,09	2SC3929	TRANSISTOR	2	
Q7910	2SD1820	TRANSISTOR	1	
Q7913	2SB1218	TRANSISTOR	1	
Q7914,15	2SD1979-S	TRANSISTOR	2	
Q7916	2SB1219	TRANSISTOR	1	
		COMBINATION PARTS		
QR301	MRN2402	TRANSISTOR	1	
QR302	MRN1404	TRANSISTOR	1	
QR304,05	MRN1404	TRANSISTOR	2	
QR306	MRN1402	TRANSISTOR	1	
QR308	MRN1402	TRANSISTOR	1	
QR309	MRN2404	TRANSISTOR	1	
QR310	MRN1404	TRANSISTOR	1	
QR312	MRN1404	TRANSISTOR	1	
QR702	MRN1404	TRANSISTOR	1	
QR713	MRN1402	TRANSISTOR	1	
QR801	MRN1404	TRANSISTOR	1	
QR802	MRN1407	TRANSISTOR	1	
QR803,04	MRN1402	TRANSISTOR	2	
QR805,06	MRN1404	TRANSISTOR	2	
QR808	MRN1403	TRANSISTOR	1	
QR809	MRN1404	TRANSISTOR	1	
QR810	MRN2404	TRANSISTOR	1	
QR1002	MRN1402	TRANSISTOR	1	
QR2001,02	MRN1403	TRANSISTOR	2	
QR2502	MRN1403	TRANSISTOR	1	
QR2503	MRN1404	TRANSISTOR	1	
QR2504	MRN2404	TRANSISTOR	1	
QR3002	MRN1404	TRANSISTOR	1	
QR3004	MRN1404	TRANSISTOR	1	
QR3008	DTC363EK	TRANSISTOR-RESISTOR	1	
QR3009	MRN2402	TRANSISTOR	1	
QR3010	MRN1402	TRANSISTOR	1	
QR3011	MRN1407	TRANSISTOR	1	
QR3012	MRN2402	TRANSISTOR	1	
QR3013	MRN1402	TRANSISTOR	1	
QR3014	MRN1404	TRANSISTOR	1	
QR3301-04	DTC363EK	COMBI.TR-R	4	
QR3305	MRN2403	TRANSISTOR-RESISTOR	1	
QR3306	DTC363EK	TRANSISTOR-RESISTOR	1	
QR3901	MRN1403	TRANSISTOR	1	
QR4001	MRN1404	TRANSISTOR	1	
QR4002	MRN1402	TRANSISTOR	1	
QR4003	MRN1403	TRANSISTOR	1	
QR4004,05	MRN1402	TRANSISTOR	2	
QR4006	MRN1404	TRANSISTOR	1	
QR4007	MRN1403	TRANSISTOR	1	
QR4009,10	MRN1403	TRANSISTOR	2	
QR4012-14	MRN1404	TRANSISTOR	3	
QR4016	MRN1402	TRANSISTOR	1	
QR4017	MRN1404	TRANSISTOR	1	
QR4508,09	MRN2404	TRANSISTOR	2	
QR4510	MRN1403	TRANSISTOR	1	
QR4602	MRN2402	TRANSISTOR	1	
QR4603	MRN1404	TRANSISTOR	1	
QR6001,02	MRN2402	TRANSISTOR	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR6003	MRN1402	TRANSISTOR	1	
QR6004	UN211H	IC	1	
QR6005	MRN2404	TRANSISTOR	1	
QR6006	UN211H	IC	1	
QR6007	MRN2404	TRANSISTOR	1	
QR6008	MRN2402	TRANSISTOR	1	
QR6009,10	MRN1404	TRANSISTOR	2	
QR6101	MRN1404	TRANSISTOR	1	
QR6102,03	MRN1402	TRANSISTOR	2	
QR6104	MRN1404	TRANSISTOR	1	
QR7401	MRN1404	TRANSISTOR	1	
QR7402	DTC124TK	TRANSISTOR-RESISTOR	1	
QR7601	MRN1404	TRANSISTOR	1	
QR7901,02	UN5213	TRANSISTOR	2	
QR7903	UN5112	TRANSISTOR-RESISTOR	1	
QR7904-06	UN5213	TRANSISTOR	3	
		RESISTORS		
R301,02	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R308	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R309	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R310	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R311	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R320,21	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R322	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R323	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R324	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R325	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R326	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R327	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R328	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R329	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R330	ERJ6GMYJ911	M.RESISTOR CH 1/10W 910	1	
R331	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R332	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R333	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R334	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R335	ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R336	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R337	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R338	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R340	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R341	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R342	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R343	ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R344	ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R345	ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R716	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R719	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R720	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R721	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R724	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R725	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R727	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R728	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R729	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R730	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R736	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R737	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R738	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R739	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R740	ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R741	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R742	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R743	ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R744	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R745	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R746	ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R750	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R757,58	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R759	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R763	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R772	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R774		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R781		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R790		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R798		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R802		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R803		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R804		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R805,06		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	2	
R807		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R809		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R810		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R811		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R812		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R813		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R814		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R815		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R816		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R817		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R819		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R820		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R821		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R822		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R823		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R824		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R825		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R826		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R831		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R832,33		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R835		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R836-38		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R839,40		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R841		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R842		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R843		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R844		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R845		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R846		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R847		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R848		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R849,50		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	2	
R851		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R852		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R853		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R854		ERJ6GEYJ684	M.RESISTOR CH 1/10W 680K	1	
R1003,04		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	2	
R1701		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R1702		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R1703		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R2001,02		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2003		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2005,06		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2007		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2008,09		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	2	
R2010		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2011		ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R2012		ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2013		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2014		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2015		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2016		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2017		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2018		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2019		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R2020		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R2021		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R2022,23		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R2024		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2025		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2501		ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R2502		ERJ6GMYG752	M.RESISTOR CH 1/10W 7.5K	1	
R2503		ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R2504		ERJ6GMYG512	M.RESISTOR CH 1/10W 5.1K	1	
R2505		ERJ6GMYG513	M.RESISTOR CH 1/10W 51K	1	
R2507		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2508-10		ERDS2TJ560	C.RESISTOR 1/4W 56	3	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R2511,12		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R2513		ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2514		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2515		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2516		ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2517		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2520		ERDS2TJ681	C.RESISTOR 1/4W 680	1	
R2521		ERDS1TJ681	C.RESISTOR 1/2W 680	1	
R2522		ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R2523		ERJ6GMYG123	M.RESISTOR CH 1/10W 12K	1	
R2524		ERJ6GMYG393	M.RESISTOR CH 1/10W 39K	1	
R2525		ERJ6GMYG124	M.RESISTOR CH 1/10W 120K	1	
R2526		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R2528		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2529		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R2530		ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R2531		ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2532		ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R2534		ERSF30JR90	M.RESISTOR 0.9	1	
R2535		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2537		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2538		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R2539		ERJ6GMYJ622	M.RESISTOR CH 1/10W 6.2K	1	
R2540		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2541		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R2542		ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R2543		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2544		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3001,02		ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	2	
R3003,04		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3006		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3008		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3009		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3010		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3011		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3012		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3013		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3014		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3015		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3016		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3017		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3018,19		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R3020		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3021		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3022,23		ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	2	
R3024		ERJ6GMYG471	M.RESISTOR CH 1/10W 470	1	
R3025		ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	1	
R3026		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3027		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3028		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3029		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3030		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3031		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3032		ERJ6GMYG202	M.RESISTOR CH 1/10W 2K	1	
R3033		ERJ6GMYG222	M.RESISTOR CH 1/10W 2.2K	1	
R3034,35		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R3037		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3038		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3039-42		ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	4	
R3301		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3302		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3303		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3304		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3305		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3306		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3308		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3310		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3311-13		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R3320,21		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3322		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3323		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3324		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3325,26		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3327		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R3328		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R3329		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3330		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3331		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3332		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3333		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3334		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3335		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3336,37		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R3338		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3339		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3340		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3341		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R3342		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3343		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3344-47		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	4	
R3348		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3349		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3350		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3351		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3352		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3353,54		ERJ6GMYG102	M.RESISTOR CH 1/10W 1K	2	
R3355		ERJ6GMYG152	M.RESISTOR CH 1/10W 1.5K	1	
R3356		ERJ6GMYG112	M.REISITOR CH 1/10W 1.1K	1	
R3367		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R3368		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3369		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3370		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3371		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3375,76		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R3377		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3378		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3379		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R3380		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3392		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3395		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3396		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R3802		ERJ6GM20R00	M.RESISTOR CH 1/10W 0	1	
R3803		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3804		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3806		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3807		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3809		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3810		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3811		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R3812		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R3813		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3814		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3822		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3823		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3824,25		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R3826		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3901-04		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	4	
R3905		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R3906		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3907		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3908,09		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	2	
R3910		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R3916		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3917		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3918		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3919		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3920		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3921		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R3922		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R3923,24		ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	2	
R3926,27		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R3928		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3929		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R3930		ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R3931		ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R3932		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3933		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3934		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3937		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R3938,39		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R3940		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3941-44		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	4	
R3945,46		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R3947,48		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R3950		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3951,52		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R4001		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R4003,04		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R4005		ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4006,07		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R4008		ERDS2TJ680	C.RESISTOR 1/4W 68	1	
R4009		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4010		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4012		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4013		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4014		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4015		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4018		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4019		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4022		ERJ6GMYG100	M.RESISTOR CH 1/10W 10	1	
R4025		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4026		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4033		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4034		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4035		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4036		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R4037		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4038,39		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R4040		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4041,42		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	2	
R4044		ERJ6GMYG433	M.RESISTOR CH 1/10W 43K	1	
R4045		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4047		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4048-51		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	4	
R4052		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4053		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4054		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4055		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4101		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4102		ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R4103		ERJ6GMYG682	M.RESISTOR CH 1/10W 6.8K	1	
R4104		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4501,02		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4503		VRE0071E36C	M.RESISTOR	1	
R4504,05		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	2	
R4506,07		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R4508		ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4509		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4510		ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R4511		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4512		VRE0034E163	M.RESISTOR CH 1/10W 16K	1	
R4513		ERJ3GEYG103	M.RESISTOR CH 1/16W 10K	1	
R4514,15		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	2	
R4518,19		ERJ6GM20R00	M.RESISTOR CH 1/10W 0	2	
R4522		ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R4527		VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4528		VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R4529		ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4530		ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4534		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4535		ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4539		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4540		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4541		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4542		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4543		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R4551,52		ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R4553		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4554		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4558		ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4561		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4562		VRE0034E10C	M.RESISTOR 1/10W	1	
R4563		ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	1	
R4568		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4569		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R4573		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4577		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4578		VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
R4581		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4583		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4584		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4585		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4586		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4587,88		ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R4591		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4592		ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R4593		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4594		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4603		ERJ3GEYG183	M.RESISTOR CH 1/16W 18K	1	
R4606		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4610		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4611		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R4612		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R4613		ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R4615		ERJ6GEYJ133	M.RESISTOR CH 1/10W 13K	1	
R4616		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4638		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R4649		ERJ3GEYG470	M.RESISTOR 1/16W 47	1	
R4651		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R4652		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4653		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R4654		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4655		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4656		ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	1	
R4657		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4666		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4901		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4902		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4903		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4904		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4905		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4906		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4907		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R4908		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4909,10		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	2	
R4911		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4912		ERJ6GEYG163	M.RESISTOR CH 1/10W 16K	1	
R4913,14		ERJ6GEYG433	M.RESISTOR CH 1/10W 43K	2	
R4915		ERJ6GEYG163	M.RESISTOR CH 1/10W 16K	1	
R4916		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R4917-20		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	4	
R4921		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4922,23		ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	2	
R4924		ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4925,26		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R4929,30		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R6001		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6002		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6003		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6004		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R6005		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6006,07		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6008-10		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	3	
R6011		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6012		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6013		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6014-20		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	7	
R6021		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6022		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6023		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6027		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6028		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6029		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6030		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6031		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6032		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6033		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6034		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6035		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6036		ERJ6GEYG201	M.RESISTOR CH 1/10W 200	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R6037		ERG2SJ150	M.RESISTOR 2W 15	1	
R6038		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6039		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6040		ERD2FCG220	C.RESISTOR 2W 22	1	<!>
R6041		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6043,44		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	2	
R6045		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6046		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6047		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6048,49		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6050,51		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6052		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6053		ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6054		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6055		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R6057		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6058		ERJ6GEYG131	M.RESISTOR CH 1/10W 130	1	
R6059		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6060,61		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6062		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6063		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6064		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6101		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6102,03		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R6104,05		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6108,09		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R6110		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6111		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6305		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7401		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7402		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7403		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R7405-13		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	9	
R7414,15		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R7416,17		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7419		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7422-24		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	3	
R7651		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7654		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7655		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7656		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7657		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7658		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7659		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7661		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7662		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7663		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7664		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7671,72		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R7673		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7674		ERJ6GEYJ124	M.RESISTOR CH 1/10W 120K	1	
R7675		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7676		ERG1SJ152	M.RESISTOR 1W 1.5K	1	
R7677		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7678		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R7679		ERDS2TJ100	C.RESISTOR 1/4W 10	1	
R7680		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7681,82		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R7683		ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R7684		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7691		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7692		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7693		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7694		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7695		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7696		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7901		ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R7902		ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R7903		ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7904		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7905		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7906		ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	1	
R7907		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R7908		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7909-11		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	3	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R7913-15		ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	3	
R7917		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7918-21		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R7922		ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7923		ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R7924-26		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R7927		ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7928		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7929		ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7930		ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R7931-33		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R7934		ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7935		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7936		ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7937		ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7938		ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7939		ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R7940		ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R7941		ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7942		ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7943		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7944		ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R7945		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7946,47		ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R7948		ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R7949		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7950		ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R7951		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7956		ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7957		ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R7958,59		ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	2	
R7960,61		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R7962,63		ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R7964		ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R7969-72		ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R7973-77		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R7978		ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7979		ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R7980		ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7981,82		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R7983		ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7985		ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R7987		ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7988		ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R7989		ERDS2TJ823	C.RESISTOR 1/4W 82K	1	
			SWITCHES		
SW3901		VSS0157	SWITCH	1	
			TRANSFORMERS		
T703		EIV5EC045A	TRANSFORMER	1	
T704		EIV5EC047A	TRANSFORMER	1	
T711		EISSEC008A	TRANSFORMER	1	
T1701		VLT0683	TRANSFORMER	1	
T4001		EIQ7QF013Q	TRANSFORMER	1	
			VARIABLE RESISTORS		
VR301		EVN49CA00B23	V.RESISTOR	1	
VR302,03		EVN49CA00B13	V.RESISTOR	2	
VR304		EVMF6SA00B23	V.RESISTOR 2K	1	
VR701		EVNDXAA00B53	V.RESISTOR 5K	1	
VR751		EVNDXAA00B53	V.RESISTOR 5K	1	
VR801		EVND1AA00B14	V.RESISTOR 10K	1	
VR802		EVMF6SA00B14	V.RESISTOR 10K	1	
VR2001		EVNDXAA00B54	V.RESISTOR 50K	1	
VR2006		EVNDXAA00B15	V.RESISTOR 100K	1	
VR2011		EVNDXAA00B15	V.RESISTOR 100K	1	
VR2018,19		EVNDXAA00B15	V.RESISTOR 100K	2	
VR3001-03		EVNDXAA00B23	V.RESISTOR 2K	3	
VR3004		VRV0148B473I	V.RESISTOR	1	
VR3301		EVMF6SA00B24	V.RESISTOR 20K	1	
VR3302		EVN49CA00B54	V.RESISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
VR3304,05		EVN49CA00B52	V.RESISTOR 500	2	
VR3801		EVMF6SA00B13	V.RESISTOR	1	
VR3802		EVMF6SA00B23	V.RESISTOR 2K	1	
VR3901		EVN4YCA00324	V.RESISTOR 20K	1	
VR4001		EVNDXAA00325	V.RESISTOR 200K	1	
VR4501		EVMF1SA00B53	V.RESISTOR	1	
VR4502		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4507		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4509		EVMF1SA00BY3	V.RESISTOR	1	
VR4512		EVNDXAA00B52	V.RESISTOR 500	1	
VR4550		EVMF1SA00BS3	V.RESISTOR	1	
VR4551,52		EVMF6SA00B55	V.RESISTOR	2	
VR7660		EVNDXAA00B23	V.RESISTOR 2K	1	
VR7901,02		EVNDXAA00B14	V.RESISTOR 10K	2	
VR7903		EVTF6SA00B55	V.RESISTOR	1	
			CRYSTAL OSCILLATORS		
X301		VSX0225	CRYSTAL OSCILLATOR	1	
X710		EFCH39MGQ1	CRYSTAL OSCILLATOR	1	
X711		EFCS6ROM45	CRYSTAL OSCILLATOR	1	
X712		EFCS6ROM55	CRYSTAL OSCILLATOR	1	
X801		VSX0406	CRYSTAL OSCILLATOR	1	
X3901		VSX0099	CRYSTAL OSCILLATOR	1	
X6001		VSX0415	CRYSTAL OSCILLATOR	1	
X6002		VSX0258	CRYSTAL OSCILLATOR	1	
X6003		VSQ0565	CRYSTAL OSCILLATOR	1	
X7901		VSX0513	CRYSTAL OSCILLATOR	1	
X7902		VSX0512	CRYSTAL OSCILLATOR	1	
X7903		EFCA6004BF	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJH0651	ANT TERMINAL	1	
		ENC17982	RF CONVERTER	1	<!>
		VWJ0666	FLAT CADE CABLE 16P	1	
		VWJ0667	FLAT CADE CABLE 18P	1	
		VWJ04NB060Q0	FLAT CADE CABLE	1	(P6002-P1503)
		VMI0199	PLATE SPACER	1	
		VMZ1352	HEAT SINK COVER	2	FOR SERVO PACK C.B.A.
		VEJ1256	JACK PLATE	1	FOR INPUT/OUTPUT PACK
		VGU2707	EDIT KNOB	1	FOR INPUT/OUTPUT PACK
		VSC3553	SHIELD COVER (MAIN)	1	FOR NICAM DECODER
		VSC3554	SHIELD COVER (TOP)	1	FOR NICAM DECODER
		VSC3555	SHIELD COVER (BOTTOM)	1	FOR NICAM DECODER
		ENV87837H3C	TUNER	1	<!>FOR TV DEMODULATOR
		VSC3242	SHIELD COVER (MAIN)	1	FOR TV DEMO. C.B.A.
		VSC3241	SHIELD COVER (TOP)	1	FOR TV DEMO. C.B.A.
	■	VEP05170F	HEAD AMP C.B.A.		(NLA)
			CAPACITORS		
C501,02		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	2	
C503		ECUM1C105ZFN	C.CAPACITOR 16V 1U	1	
C504-06		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C508		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C509		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C510,11		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	2	
C512		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C513		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C514		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C515,16		ECUM1C474ZFN	C.CAPACITOR CH 16V 0.47U	2	
C517,18		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C519,20		ECUM1C474ZFN	C.CAPACITOR CH 16V 0.47U	2	
C521		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C522		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C524		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C526		VCEAOJAC221	E.CAPACITOR 6.3V 220U	1	
C531		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C532		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C533,34		ECUM1H121JCN	C.CAPACITOR CH 50V 120P	2	
C535		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C536		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C537		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C538,39		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	2	
C540		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C551		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C552-54		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C555		ECEAOJPK221	E.CAPACITOR 6.3V 220U	1	
C556,57		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C558		ECEAOJPK470	E.CAPACITOR 6.3V 47U	1	
C559		ECUM1C105ZFN	C.CAPACITOR 16V 1U	1	
C560,61		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	2	
C562,63		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C564		ECUM1C105ZFN	C.CAPACITOR 16V 1U	1	
C565		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C566		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
			INTEGRATED CIRCUITS		
IC501		AN3337NSB	IC	1	
IC502		AN3370K	IC	1	
IC551		BA7743FS	IC	1	
			COILS		
L501-03		VLQ0540K330	COIL 33UH	3	
L504		VLQ0540J4R7	COIL 4.7UH	1	
L551,52		VLQ0540K330	COIL 33UH	2	
			CONNECTORS		
P501		VJP1251T	CONNECTOR (MALE) 11P	1	
P502		VJS2603	CONNECTOR (FEMALE)	1	
P551		VJP1248T	CONNECTOR (MALE) 8P	1	
			TRANSISTORS		
Q501		MSB709	TRANSISTOR	1	
Q502		MSD601	TRANSISTOR	1	
			RESISTORS		
R501		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R502		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R504		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R505		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R506		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R507		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R508		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R509-12		ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	4	
R517		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R518,19		ERJ6GMYJ560	M.RESISTOR CH 1/10W 56	2	
R520		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R521,22		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	2	
R523		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R524		VRE0034E182	M.RESISTOR CH 1/10W 1.8K	1	
R525		VRE0034E682	M.RESISTOR CH 1/10W 6.8K	1	
R526,27		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	2	
R529		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R551		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R552		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R553		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R554		ERJ6GMYJ243	M.RESISTOR CH 1/10W 24K	1	
R556		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R557		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R558		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R559,60		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R561		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R562		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R563		VRE0034E100	M.RESISTOR CH 1/10W 10	1	
R564		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R565		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R566		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R567		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
			MISCELLANEOUS		
		VSC3477	SHIELD COVER (TOP)	1	
		VSC3478	SHIELD COVER (MAIN)	1	
		VSC3479	SHIELD COVER (BOTTOM)	1	
	■	VEP06779A	VR C.B.A.		(NLA)
			CAPACITORS		
C6301,02		ECQB1H103KH	P.CAPACITOR 50V 0.01U	2	
C6501,02		ECQV1H223JS	P.CAPACITOR 50V 0.022U	2	
C6503		ECQV1H124JS	P.CAPACITOR 50V 0.12U	1	
C6504		ECEA1EKS3R3	E.CAPACITOR 25V 3.3U	1	
C6505		ECEA1AKS330	E.CAPACITOR 10V 33U	1	
C6506		ECEA1CKS330	E.CAPACITOR 16V 33U	1	
C6507,08		ECKF1H103ZF	C.CAPACITOR 50V 0.01U	2	
C6509		ECQV1H124JS	P.CAPACITOR 50V 0.12U	1	
C6510		VCEA1HAC3R3	E.CAPACITOR 50V 3.3U	1	
			DIODES		
D6501		LN81RCPHLULS	DIODE	1	
			INTEGRATED CIRCUITS		
IC6501		VCR0172	IC	1	
			CONNECTORS		
J6301		VJJ0192	CONNECTOR	1	
J6302		VJJ0210	CONNECTOR	1	
			COILS		
L6301,02		VLQ0188J221	COIL 220UH	2	
L6501,02		ELESP471KA	COIL 470UH	2	
			CONNECTORS		
P6501,02		VJP3091	CONNECTOR (MALE)	2	
P6503		VJS2357A015	CONNECTOR (FEMALE)	1	
			RESISTORS		
R6501		ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R6502		ERDS2TJ271	C.RESISTOR 1/4W 270	1	
R6503,04		ERDS2CKG2700	M.RESISTOR 1/4W 270	2	
R6505		ERDS2CKG3301	M.RESISTOR 1/4W 3.3K	1	
R6506,07		ERDS2CKG3300	M.RESISTOR 1/4W 330	2	
R6508		ERDS2CKG3301	M.RESISTOR 1/4W 3.3K	1	
R6509,10		ERDS2TJ332	C.RESISTOR 1/4W 3.3K	2	
			SWITCHES		
SW6501		EVQ11407K	SWITCH	1	
			VARIABLE RESISTORS		
VR3004		EWAKFKXB3B24	V.RESISTOR 20K	1	
VR6501		EWAKABXB3C23	V.RESISTOR 2K	1	
VR6503		EWANYJX0554J	V.RESISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			MISCELLANEOUS		
		KL04	LED SPACER	1	
		VYC0160	REC VR PANEL UNIT	1	
		VGU4495	REC RV KNOB	2	
		VJF0691	JACK HOLDER	1	
	■	VEP07664E	TIMRE C.B.A.		(NLA)NV-FS200EC
			CAPACITORS		
C6701,02		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
C6703		ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7501		ECEA1HKS100	E.CAPACITOR 50V 10U	1	
C7502,03		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7504		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7505		ECEA0JKS330	E.CAPACITOR 6.3V 33U	1	
C7506		ECUM1H223ZFN	C.CAPACITOR CH 50V 0.022U	1	
C7507		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C7508		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7509		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7510		ECUM1H050CCN	C.CAPACITOR CH 50V 5P	1	
C7511		ECRHA030E41	TRIMMER 3P	1	
C7512		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7513		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7514		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7515		ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C7516		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7517		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7519		ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C7520		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7521		ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C7523-36		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	14	
C7537,38		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7539,40		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	2	
C7541		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C7542,43		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	2	
C7544,45		ECQB1H473JH	P.CAPACITOR 50V 0.047U	2	
			DIODES		
D6701		PN323B	DIODE	1	
D7501		MA3068	DIODE	1	
D7502		MA73	DIODE	1	
D7509-17		MA73	DIODE	9	
D7522,23		MA73	DIODE	2	
D7525-27		MA73	DIODE	3	
D7531-33		MA73	DIODE	3	
D7535		MA73	DIODE	1	
D7538		MA73	DIODE	1	
D7540		MA73	DIODE	1	
D7542-45		LN28RCPL	DIODE	4	
D7546		LN38GCPL	DIODE	1	
D7547,48		LN28RCPL	DIODE	2	
D7550		LN48YCPL	DIODE	1	
D7551		VLL0062	DIODE	1	
D7552		MA73	DIODE	1	
D7556,57		MA73	DIODE	2	
			DISPLAY TUBES		
DP7501		VSL0144	DISPLAY TUBE	1	
			INTEGRATED CIRCUITS		
IC6701		UPC2800AGR	IC	1	
IC7501		MN187164VLGT	IC	1	
IC7502		BA6810S	IC	1	
IC7503		M6M80021P	IC	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
IC7505		MN1280K	IC	1	
IC7506		MN1280S	IC	1	(S)
IC7507		M34225V1AH	IC	1	
			COILS		
L7501		ELESP221KA	COIL	1	
			CONNECTORS		
P7501		VJS3193F018A	CONNECTOR (FEMALE)	1	
P7502		VJS3193F016A	CONNECTOR (FEMALE)	1	
P7503		VJS2357A020	CONNECTOR (FEMALE)	1	
P7504		VJP2621	CONNECTOR (MALE)	1	
			COMBINATION PARTS		
QR7501,02		MRN2403	TRANSISTOR-RESISTOR	2	
QR7503		MRN2402	TRANSISTOR	1	
QR7504		MRN1404	TRANSISTOR	1	
			RESISTORS		
R6701		ERJ6ENF1363	M.RESISTOR CH 1/10W 36K	1	
R7504		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7505		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R7506		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7508		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R7509		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7510-12		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	3	
R7513		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R7514		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7515		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7516		ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R7517-20		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	4	
R7521		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7522,23		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7524-26		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R7527-30		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	4	
R7531-33		ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	3	
R7535		ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	1	
R7536		ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R7543,44		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7545		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7546-48		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7549		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7550-54		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	5	
R7555		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7556,57		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	2	
R7558,59		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7561-69		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	9	
R7570		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R7571,72		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
			COMBINATION PARTS		
RX7501		EXBF11E104J	COMBI.R-R	1	
RX7502		EXBF8E104J	COMBI.R-R	1	
			VARIABLE RESISTORS		
VR7501		EVNDXAA00B53	V.RESISTOR 5K	1	
			CRYSTAL OSCILLATORS		
X7501		VSX0484	CRYSTAL OSCILLATOR	1	
X7502		VSX0094	CRYSTAL OSCILLATOR	1	
X7503		EFOGC3584A5	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VEK5789	IR RECEIVER UNIT	1	(NLA)
		VJF0693	FIP HOLDER	1	
		VJF0740	LED SPACER	1	
		VMD1342	LED SPACER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP07664H	TIMER C.B.A.		(NLA)NV-FS200B
			CAPACITORS		
C6701,02		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
C6703		ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7501		ECEA1HKS100	E.CAPACITOR 50V 10U	1	
C7502,03		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7504		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7505		ECEA0JKS330	E.CAPACITOR 6.3V 33U	1	
C7506		ECUM1H223ZFN	C.CAPACITOR CH 50V 0.022U	1	
C7507		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C7508		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7509		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7510		ECUM1H050CCN	C.CAPACITOR CH 50V 5P	1	
C7511		ECRHA030E41	TRIMMER 3P	1	
C7512		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7513		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7514		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7515		ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C7516		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7517		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7519		ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C7520		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7521		ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C7523-36		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	14	
C7537,38		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7539,40		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	2	
C7541		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C7542,43		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	2	
C7544,45		ECQB1H473JH	P.CAPACITOR 50V 0.047U	2	
			DIODES		
D6701		PN323B	DIODE	1	
D7501		MA3068	DIODE	1	
D7502		MA73	DIODE	1	
D7509-17		MA73	DIODE	9	
D7520		MA73	DIODE	1	
D7523		MA73	DIODE	1	
D7525-27		MA73	DIODE	3	
D7531-33		MA73	DIODE	3	
D7535		MA73	DIODE	1	
D7537,38		MA73	DIODE	2	
D7543-45		LN28RCPL	DIODE	3	
D7547,48		LN28RCPL	DIODE	2	
D7550		LN48YCPL	DIODE	1	
D7551		VLL0062	DIODE	1	
D7552		MA73	DIODE	1	
D7556,57		MA73	DIODE	2	
			DISPLAY TUBES		
DP7501		VSL0144	DISPLAY TUBE	1	
			INTEGRATED CIRCUITS		
IC6701		UPC2800AGR	IC	1	
IC7501		MN187164VLGT	IC	1	
IC7502		BA6810S	IC	1	
IC7503		M6M80021P	IC	1	
IC7505		MN1280K	IC	1	
IC7506		MN1280S	IC	1	(S)
IC7507		M34225V1AH	IC	1	
			COILS		

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
L7501		ELESP221KA	COIL 220UH	1	
			CONNECTORS		
P7501		VJS3193F018A	CONNECTOR (FEMALE)	1	
P7502		VJS3193F016A	CONNECTOR (FEMALE)	1	
P7503		VJS2357A020	CONNECTOR (FEMALE)	1	
P7504		VJP2621	CONNECTOR (MALE)	1	
			COMBINATION PARTS		
QR7501,02		MRN2403	TRANSISTOR-RESISTOR	2	
QR7503		MRN2402	TRANSISTOR	1	
QR7504		MRN1404	TRANSISTOR	1	
			RESISTORS		
R6701		ERJ6ENF1363	M.RESISTOR CH 1/10W 36K	1	
R7504		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7505		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R7506		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7508		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R7509		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7510-12		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	3	
R7513		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R7514		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7515		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7516		ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R7517		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7519,20		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7521		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7522,23		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7524-26		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R7528-30		ERJ6GM20R00	M.RESISTOR CH 1/10W 0	3	
R7532,33		ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	2	
R7535		ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	1	
R7536		ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R7543,44		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7545		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7546-48		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7549		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7550-54		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	5	
R7555		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7556,57		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	2	
R7558,59		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7561-69		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	9	
R7570		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R7571,72		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
			COMBINATION PARTS		
RX7501		EXBF11E104J	COMBI.R-R	1	
RX7502		EXBF8E104J	COMBI.R-R	1	
			VARIABLE RESISTORS		
VR7501		EVNDXAA00B53	V.RESISTOR 5K	1	
			CRYSTAL OSCILLATORS		
X7501		VSX0484	CRYSTAL OSCILLATOR	1	
X7502		VSX0094	CRYSTAL OSCILLATOR	1	
X7503		EFOGC3584A5	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VEK5789	IR RECEIVER UNIT	1	(NLA)
		VJF0693	FIP HOLDER	1	
		VJF0740	LED SPACER	1	
		VMD1342	LED SPACER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP07664F	TIMER C.B.A.		(NLA)NV-FS88EC
			CAPACITORS		
C6701,02		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
C6703		ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7501		ECEA1HKS100	E.CAPACITOR 50V 10U	1	
C7502,03		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7504		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7505		ECEA0JKS330	E.CAPACITOR 6.3V 33U	1	
C7506		ECUM1H223ZFN	C.CAPACITOR CH 50V 0.022U	1	
C7507		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C7508		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7509		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7510		ECUM1H050CCN	C.CAPACITOR CH 50V 5P	1	
C7511		ECRHA030E41	TRIMMER 3P	1	
C7512		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7513		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7514		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7515		ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C7516		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7517		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7519		ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C7520		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7521		ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C7523-36		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	14	
C7537,38		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7539,40		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	2	
C7541		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C7542,43		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	2	
C7544,45		ECQB1H473JH	P.CAPACITOR 50V 0.047U	2	
			DIODES		
D6701		PN323B	DIODE	1	
D7501		MA3068	DIODE	1	
D7502		MA73	DIODE	1	
D7509-17		MA73	DIODE	9	
D7522,23		MA73	DIODE	2	
D7525		MA73	DIODE	1	
D7527		MA73	DIODE	1	
D7531-33		MA73	DIODE	3	
D7535		MA73	DIODE	1	
D7538		MA73	DIODE	1	
D7540		MA73	DIODE	1	
D7542-45		LN28RCPL	DIODE	4	
D7546		LN38GCPL	DIODE	1	
D7547,48		LN28RCPL	DIODE	2	
D7551		VLL0062	DIODE	1	
D7552		MA73	DIODE	1	
D7556,57		MA73	DIODE	2	
			DISPLAY TUBES		
DP7501		VSL0144	DISPLAY TUBE	1	
			INTEGRATED CIRCUITS		
IC6701		UPC2800AGR	IC	1	
IC7501		MN187164VLGT	IC	1	
IC7502		BA6810S	IC	1	
IC7503		M6M80021P	IC	1	
IC7505		MN1280K	IC	1	
IC7506		MN1280S	IC	1	(S)
IC7507		M34225V1AH	IC	1	
			COILS		
L7501		ELESP221KA	COIL 220UH	1	
			CONNECTORS		

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
P7501		VJS3193F018A	CONNECTOR (FEMALE)	1	
P7502		VJS3193F016A	CONNECTOR (FEMALE)	1	
P7503		VJS2357A020	CONNECTOR (FEMALE)	1	
P7504		VJP2621	CONNECTOR (MALE)	1	
			COMBINATION PARTS		
QR7501,02		MRN2403	TRANSISTOR-RESISTOR	2	
QR7503		MRN2402	TRANSISTOR	1	
QR7504		MRN1404	TRANSISTOR	1	
			RESISTORS		
R6701		ERJ6ENF1363	M.RESISTOR CH 1/10W 36K	1	
R7504		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7505		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R7506		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7508		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R7509		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7510-12		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	3	
R7513		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R7514		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7515		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7516		ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R7517-20		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	4	
R7521		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7522,23		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7524-26		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R7527-30		ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	4	
R7531-33		ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	3	
R7536		ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R7543,44		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7545		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7546-48		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7549		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7550-54		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	5	
R7555		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7556,57		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	2	
R7558,59		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7561-69		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	9	
R7570		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R7571,72		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
			COMBINATION PARTS		
RX7501		EXBF11E104J	COMBI.R-R	1	
RX7502		EXBF8E104J	COMBI.R-R	1	
			VARIABLE RESISTORS		
VR7501		EVNDXAA00B53	V.RESISTOR 5K	1	
			CRYSTAL OSCILLATORS		
X7501		VSX0484	CRYSTAL OSCILLATOR	1	
X7502		VSX0094	CRYSTAL OSCILLATOR	1	
X7503		EFOGC3584A5	CRYSTAL OSCILLATOR	1	
			MISCELLANOEUS		
		VEK5789	IR RECEIVER UNIT	1	(NLA)
		VJF0693	FIP HOLDER	1	
		VJF0740	LED SPACER	1	
		VMD1342	LED SPACER	1	
	■	VEP07664J	TIMER C.B.A.		(NLA)NV-FS88B

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			CAPACITORS		
C6701,02		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
C6703		ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7501		ECEA1HKS100	E.CAPACITOR 50V 10U	1	
C7502,03		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7504		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7505		ECEA0JKS330	E.CAPACITOR 6.3V 33U	1	
C7506		ECUM1H223ZFN	C.CAPACITOR CH 50V 0.022U	1	
C7507		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C7508		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7509		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7510		ECUM1H050CCN	C.CAPACITOR CH 50V 5P	1	
C7511		ECRHA030E41	TRIMMER 3P	1	
C7512		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7513		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7514		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7515		ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C7516		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7517		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7519		ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C7520		ECUM1H104ZFN	C.CAPACITOR 50V 0.1U	1	
C7521		ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C7523-36		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	14	
C7537,38		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7539,40		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	2	
C7541		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	1	
C7542,43		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	2	
C7544,45		ECQB1H473JH	P.CAPACITOR 50V 0.047U	2	
			DIODES		
D6701		PN323B	DIODE	1	
D7501		MA3068	DIODE	1	
D7502		MA73	DIODE	1	
D7509-17		MA73	DIODE	9	
D7520		MA73	DIODE	1	
D7523		MA73	DIODE	1	
D7525		MA73	DIODE	1	
D7527		MA73	DIODE	1	
D7531-33		MA73	DIODE	3	
D7535		MA73	DIODE	1	
D7537,38		MA73	DIODE	2	
D7543-45		LN28RCPL	DIODE	3	
D7547,48		LN28RCPL	DIODE	2	
D7551		VLL0062	DIODE	1	
D7552		MA73	DIODE	1	
D7556,57		MA73	DIODE	2	
			DISPLAY TUBES		
DP7501		VSL0144	DISPLAY TUBE	1	
			INTEGRATED CIRCUTIS		
IC6701		UPC2800AGR	IC	1	
IC7501		MN187164VLGT	IC	1	
IC7502		BA6810S	IC	1	
IC7503		M6M80021P	IC	1	
IC7505		MN1280K	IC	1	
IC7506		MN1280S	IC	1	(S)
IC7507		M34225V1AH	IC	1	
			COILS		
L7501		ELESP221KA	COIL 220UH	1	
			CONNECTORS		
P7501		VJS3193F018A	CONNECTOR (FEMALE)	1	
P7502		VJS3193F016A	CONNECTOR (FEMALE)	1	
P7503		VJS2357A020	CONNECTOR (FEMALE)	1	
P7504		VJP2621	CONNECTOR (MALE)	1	
			COMBINATION PARTS		

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
QR7501,02		MRN2403	TRANSISTOR-RESISTOR	2	
QR7503		MRN2402	TRANSISTOR	1	
QR7504		MRN1404	TRANSISTOR	1	
			RESISTORS		
R6701		ERJ6ENF1363	M.RESISTOR CH 1/10W 36K	1	
R7504		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7505		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R7506		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7508		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R7509		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7510-12		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	3	
R7513		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R7514		ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7515		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7516		ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R7517		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7519,20		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7521		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7522,23		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7524-26		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R7528-30		ERJ6GM20R00	M.RESISTOR CH 1/10W 0	3	
R7532,33		ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	2	
R7536		ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R7543,44		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7545		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7546-48		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7549		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7550-54		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	5	
R7555		ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7556,57		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	2	
R7558,59		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7561-69		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	9	
R7570		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R7571,72		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	2	
			COMBINATION PARTS		
RX7501		EXBF11E104J	COMBI.R-R	1	
RX7502		EXBF8E104J	COMBI.R-R	1	
			VARIABLE RESISTORS		
VR7501		EVNDXAA00B53	V.RESISTOR 5K	1	
			CRYSTAL OSCILLATORS		
X7501		VSX0484	CRYSTAL OSCILLATOR	1	
X7502		VSX0094	CRYSTAL OSCILLATOR	1	
X7503		EFOGC3584A5	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VEK5789	IR RECEIVER UNIT	1	(NLA)
		VJF0693	FIP HOLDER	1	
		VJF0740	LED SPACER	1	
		VMD1342	LED SPACER	1	
	■	VEP06778A	JOG C.B.A.		(NLA)
			DIODES		
D6701-03		LN38GCPPV	DIODE	3	
			CONNECTORS		
P6701		VJS2621	CONNECTOR (FEMALE)	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			RESISTORS		
R6701-03		ERDS2TJ221	C.RESISTOR 1/4W 220	3	
			SWITCHES		
SW6701		EVQ11407K	SWITCH	1	
			MISCELLANEOUS		
		VMX1652	LED SPACER	3	
		VSQ0798	ENCODER	1	
	■	VEP01381K	POWER C.B.A.		(NLA)<!>
					NV-FS200EC,FS88EC
			CAPACITORS		
C1101,02		ECQU2A224MN	P.CAPACITOR 250V 0.22U	2	<!>
C1103,04		VCK0046	CAPACITOR	2	<!>
C1105		VCC0024	C.CAPACITOR 2200P	1	<!>
C1106,07		VCKD046	CAPACITOR	2	<!>
C1108		VCC0024	C.CAPACITOR 2200P	1	<!>
C1109,10		VCKD083	C.CAPACITOR 3300P	2	<!>
C1111		VCC0025	CAPACITOR	1	<!>
C1112		ECOS2GA121G	E.CAPACITOR 400V 120U	1	
C1113		ECA2GNX010X	CAPACITOR	1	
C1114		ECQE6473B11	P.CAPACITOR	1	
C1115		ECKD3D331KBN	C.CAPACITOR 2KV 330P	1	
C1116		ECQB1H682JZ	P.CAPACITOR 50V 6800P	1	
C1117		ECA1CXLV470	E.CAPACITOR	1	
C1118		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C1119		ECQV1H334JF	P.CAPACITOR 50V 0.33U	1	
C1120		ECQP1101JZ	P.CAPACITOR 100V 100P	1	
C1121		ECEA1HFE121	E.CAPACITOR 50V 120U	1	
C1122,23		ECA1CFZ122	E.CAPACITOR 16V 1200U	2	
C1124		ECA1AFZ102	E.CAPACITOR 10V 1000U	1	
C1126		ECEA1VFE820	E.CAPACITOR 35V 82U	1	
C1127		ECEA1HGE100	E.CAPACITOR 50V 10U	1	
C1128-30		ECEA1AGE101	E.CAPACITOR 10V 100U	3	
C1131		ECEA1CFE331	E.CAPACITOR 16V 330U	1	
C1132		ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1137		ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1138		ECEA1CGE100	E.CAPACITOR 16V 10U	1	
C1139		ECQV1H105JZ	P.CAPACITOR 50V 1U	1	
C1141		ECEA1HFE270	E.CAPACITOR 50V 27U	1	
			DIODES		
D1102-05		EM1B	DIODE	4	<!>
D1106		VSD0002	DIODE	1	<!>
D1107		AP01C	DIODE	1	
D1108		MA4030-L	DIODE	1	
D1109		MA178	DIODE	1	
D1110		MA165VT	DIODE	1	
D1111		ERA22-02	DIODE	1	
D1112		FMLG12SP	DIODE	1	
D1113		10ELS2	DIODE	1	
D1114		FMBG14L	DIODE	1	
D1116		MA2160A	DIODE	1	
D1117		MA4130L	DIODE	1	
			INTEGRATED CIRCUITS		
IC1101		STRD6009E	IC	1	<!>
IC1102		STK5392	IC	1	
IC1103		SE014N	IC	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			COILS		
L1101,02		ELF18D221F	COIL 220UH	2	<!>
L1103		ELC07B009	COIL	1	
L1104,05		VLQEL06F101K	COIL 100UH	2	
L1106		ELC07B009	COIL	1	
P1101		VJP1930T	CONNECTOR	1	
P1102		VJS2625	CONNECTOR (FEMALE)	1	<!>
P1103		VJP1149	CONNECTOR (MALE)	1	
			TRANSISTORS		
Q1101		PC111AD	TRANSISTOR	1	<!>
Q1102		2SD1330	TRANSISTOR	1	
			RESISTORS		
R1101		ERC12AGM334	S.RESISTOR 1/2W 330K	1	
R1102,03		ERDS1TJ563	C.RESISTOR 1/2W 56K	2	
R1104,05		ERDS2TJ474	C.RESISTOR 1/4W 470K	2	
R1106		ERG3ANJ683	M.RESISTOR 3W 68K	1	
R1107		ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R1108		ERD2FTVG681	C.RESISTOR 1/4W 680	1	<!>
R1109		ERDS2TJ121	C.RESISTOR 1/4W 120	1	
R1110		ERW1PK2R2	W.RESISTOR 1W	1	
R1111,12		ERG2SJ820	M.RESISTOR 2W 82	2	
R1113,14		ERG2SJ560	M.RESISTOR 2W 56	2	
R1115		ERG1SJ182	M.RESISTOR 1W 1.8K	1	
R1116		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R1117		ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R1118		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
			TRANSFORMERS		
T1101		VLT0685	TRANSFORMER	1	<!>
			MISCELLANEOUS		
		VJF0318	FUSE HOLDER	4	<!>
	■	VEP01381J	POWER C.B.A.		(NLA)<!>
					NV-FS200B,FS88B
			CAPACITORS		
C1101,02		ECQU2A224MN	P.CAPACITOR 250V 0.22U	2	<!>
C1105		VCC0021	C.CAPACITOR	1	<!>
C1108		VCC0021	C.CAPACITOR	1	<!>
C1111		VCC0023	CAPACITOR	1	<!>
C1112		ECOS2GA121G	E.CAPACITOR 400V 120U	1	
C1113		ECA2GNX010X	CAPACITOR	1	
C1114		ECQE6473B11	P.CAPACITOR	1	
C1115		ECKD3D331KBN	C.CAPACITOR 2KV 330P	1	
C1116		ECQB1H682JZ	P.CAPACITOR 50V 6800P	1	
C1117		ECA1CXLV470	E.CAPACITOR	1	
C1118		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C1119		ECQV1H334JF	P.CAPACITOR 50V 0.33U	1	
C1120		ECQP1101JZ	P.CAPACITOR 100V 100P	1	
C1121		ECEA1HFE121	E.CAPACITOR 50V 120U	1	
C1122,23		ECA1CFZ122	E.CAPACITOR 16V 1200U	2	
C1124		ECA1AFZ102	E.CAPACITOR 10V 1000U	1	
C1126		ECEA1VFE820	E.CAPACITOR 35V 82U	1	
C1127		ECEA1HGE100	E.CAPACITOR 50V 10U	1	
C1128-30		ECEA1AGE101	E.CAPACITOR 10V 100U	3	
C1131		ECEA1CFE331	E.CAPACITOR 16V 330U	1	
C1132		ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1137		ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C1138		ECEA1CGE100	E.CAPACITOR 16V 100	1	
C1139		ECQV1H105JZ	P.CAPACITOR 50V 1U	1	
C1141		ECEA1HFE270	E.CAPACITOR 50V 27U	1	
			DIODES		
D1102-05		EM1B	DIODE	4	<!>
D1106		VSD0002	DIODE	1	<!>
D1107		AP01C	DIODE	1	
D1108		MA4030-L	DIODE	1	
D1109		MA178	DIODE	1	
D1110		MA165VT	DIODE	1	
D1111		ERA22-02	DIODE	1	
D1112		FMLG12SP	DIODE	1	
D1113		10ELS2	DIODE	1	
D1114		FMBG14L	DIODE	1	
D1116		MA2160A	DIODE	1	
D1117		MA4130L	DIODE	1	
			INTEGRATED CIRCUITS		
IC1101		STRD6009E	IC	1	<!>
IC1102		STK5392	IC	1	
IC1103		SE014N	IC	1	
			COILS		
L1101,02		ELF18D221F	COIL 220UH	2	<!>
L1103		ELC07B009	COIL	1	
L1104,05		VLQEL06F101K	COIL 100UH	2	
L1106		ELC07B009	COIL	1	
			CONNECTORS		
P1101		VJP1930T	CONNECTOR (MALE)	1	
P1102		VJS2625	CONNECTOR (FEMALE)	1	<!>
P1103		VJP1149	CONNECTOR (MALE)	1	
			TRANSISTORS		
Q1101		PC111AD	TRANSISTOR	1	<!>
Q1102		2SD1330	TRANSISTOR	1	
			RESISTORS		
R1101		ERC12AGM334	S.RESISTOR 1/2W 330K	1	<!>
R1102,03		ERDS1TJ563	C.RESISTOR 1/2W 56K	2	
R1104,05		ERDS2TJ474	C.RESISTOR 1/4W 470K	2	
R1106		ERG3ANJ683	M.RESISTOR 3W 68K	1	
R1107		ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R1108		ERD2FTVG681	C.RESISTOR 1/4W 680	1	<!>
R1109		ERDS2TJ121	C.RESISTOR 1/4W 120	1	
R1110		ERW1PK2R2	W.RESISTOR 1W	1	
R1111,12		ERG2SJ820	M.RESISTOR 2W 82	2	
R1113,14		ERG2SJ560	M.RESISTOR 2W 56	2	
R1115		ERG1SJ182	M.RESISTOR 1W 1.8K	1	
R1116		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R1117		ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R1118		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
			TRANSFORMERS		
T1101		VLT0685	TRANSFORMER	1	<!>
			MISCELLANEOUS		
		VJF0318	FUSE HOLDER	4	<!>
		VM21184	CAPACITOR COVER (B)	2	<!>

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP00S21A	S-VHS TERMINAL C.B.A.		(NLA)
			CONNECTORS		
J3991,92		VJJ0161	CONNECTOR	2	
P3991		VJP1248T	CONNECTOR (MALE) 8P	1	
	■	VEX0117	CYLINDER DRIVE C.B.A.		(NLA)
			CAPACITORS		
C2901-03		ECEA1VSN2R2	E.CAPACITOR 35V 2.2U	3	
C2904-06		ECUM1E104KBM	C.CAPACITOR CH 25V 0.1U	3	
C2907		ECUM1E683KBM	C.CAPACITOR CH 25V 0.068U	1	
C2908		ECUM1E473KBM	C.CAPACITOR CH 25V 0.047U	1	
C2909		ECQV1H104JS	P.CAPACITOR 50V 0.1U	1	
C2910,11		ECEA1CKS100	E.CAPACITOR 16V 10U	2	
C2912		ECEA0JKS220	E.CAPACITOR 6.3V 22U	1	
			INTEGRATED CIRCUITS		
IC2901		AN3815K	IC	1	
			CONNECTORS		
P2901		VJP2603W	CONNECTOR (MALE)	1	
P2902		VJP1232T	CONNECTOR(MALE) 5P	1	
			RESISTORS		
R2901		ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
			HEATERS		
TH2901		VRH0017	HEATER	1	
			MISCELLANEOUS		
		VMA8089	MAIN HOLDER	1	
	■	VEP03893A	TBC C.B.A.		(NLA)NV-FS200EC/B
			CAPACITORS		
C9001		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9002		ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	
C9003		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C9004		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C9005		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C9006		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C9007		ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C9008		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9009		ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C9010		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C9011		ECQB1H333JH	P.CAPACITOR 50V 0.033U	1	
C9012		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C9013		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C9014		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C9015		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9016		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C9017		ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C9018		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C9019		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9020,21		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	2	
C9022		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C9023		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9024		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C9025		ECUM1H152KBN	C.CAPACITOR CH 50V 1500P	1	
C9026		ECUM1H331JCN	C.CAPACITOR CH 50V 330P	1	
C9027		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9028		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9029		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9030		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C9031,32		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
C9033		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C9034		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C9035		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9036,37		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	2	
C9038		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9039		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C9040		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9041		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9042		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9043-50		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	8	
C9051		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C9052-56		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	5	
C9057		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C9058		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9059		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C9060		ECUM1H050DCN	C.CAPACITOR CH 50V 50P	1	
C9061		ECUM1H020CCN	C.CAPACITOR CH 50V 2P	1	
C9062		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C9063		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C9064		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9065		ECUM1H682KBN	C.CAPACITOR CH 50V 6800P	1	
C9066		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9067-69		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	3	
C9070		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9071,72		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
C9073		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9074		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9075		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9076		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9077		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C9078		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9079		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9080		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9081,82		ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C9083-86		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	4	
C9087		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C9088		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9089		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9090,91		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
C9092		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C9093		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C9094		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C9095		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C9096,97		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
C9098,99		ECEA1CKN100	E.CAPACITOR 16V 10U	2	
			DIODES		
D9001		MA151K	DIODE	1	
			FILTERS		
FL9001-05		VLF0633	FILTER	5	
FL9008		ELKAH103EB	FILTER	1	
FL9009		VLF0839	FILTER	1	
FL9010		VLF0838	FILTER	1	
FL9011		VLF0874	FILTER	1	
FL9012		VLF0855	FILTER	1	
FL9013		ELB4P034	FILTER	1	
FL9014		VLF0875	FILTER	1	
FL9015-17		VLF0634	FILTER	3	
FL9020,21		VLF0634	FILTER	2	
FL9025		VLF0634	FILTER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
FL9026		ELKAH101GB	COIL 100UH	1	
FL9027		ELKAH103EB	FILTER	1	
FL9028		VLF0634	FILTER	1	
			INTEGRATED CIRCUITS		
IC9001		AN3942SB	IC	1	
IC9002		AN3496S	IC	1	
IC9003		MN74HC4066S	IC	1	
IC9004,05		HA19211BNT	IC	2	
IC9006		AN3915S	IC	1	
IC9007,08		SC41547FU	IC	2	
IC9009		MN73026VME	IC	1	
			COILS		
L9001		VLQ0188J2R2	COIL 2.2UH	1	
L9002,03		VLQEL05F101K	COIL 100UH	2	
L9004		VLQEL05F680K	COIL 68UH	1	
L9005		VLQEL05F270K	COIL 27UH	1	
L9006		VLQ0188J2R2	COIL 2.2UH	1	
L9007		VLQEL05F101K	COIL 100UH	1	
L9008,09		VLQ0188J2R2	COIL 2.2UH	2	
L9010		VLQ0188J6R8	COIL 6.8UH	1	
L9011-14		VLQ0188J2R2	COIL 2.2UH	4	
L9018,19		VLP0054	COIL	2	
L9024		VLP0054	COIL	1	
			CONNECTORS		
P9001		VJP3080	CONNECTOR (MALE)	1	
P9002		VJP1231T	CONNECTOR (MALE) 4P	1	
			TRANSISTORS		
Q9001		MSB709	TRANSISTOR	1	
Q9002		MSD601	TRANSISTOR	1	
Q9003		MSB709	TRANSISTOR	1	
Q9004		MSD601	TRANSISTOR	1	
Q9005,06		MSB709	TRANSISTOR	2	
Q9007-09		MSD601	TRANSISTOR	3	
Q9010,11		MSB709	TRANSISTOR	2	
Q9012		MSD601	TRANSISTOR	1	
Q9013		MSB709	TRANSISTOR	1	
Q9014		2SA1022	TRANSISTOR	1	
Q9015		MSD601	TRANSISTOR	1	
Q9016		2SC2295	TRANSISTOR	1	
Q9017		MSD601	TRANSISTOR	1	
Q9018		MSB709	TRANSISTOR	1	
Q9019		MSD601	TRANSISTOR	1	
Q9020		2SC2295	TRANSISTOR	1	
Q9021		MSD601	TRANSISTOR	1	
Q9022		MSB709	TRANSISTOR	1	
Q9023		MSD601	TRANSISTOR	1	
Q9024		MSB709	TRANSISTOR	1	
Q9025		MSD601	TRANSISTOR	1	
			COMBINATION PARTS		
QR9007,08		MRN1404	TRANSISTOR	2	
QR9010		MRN1404	TRANSISTOR	1	
QR9012-14		MRN1404	TRANSISTOR	3	
			RESISTORS		
R9001-06		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	6	
R9007		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R9008,09		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R9010,11		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	2	
R9014,15		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R9017,18		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R9019		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R9020-23		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	4	
R9024		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R9025		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	

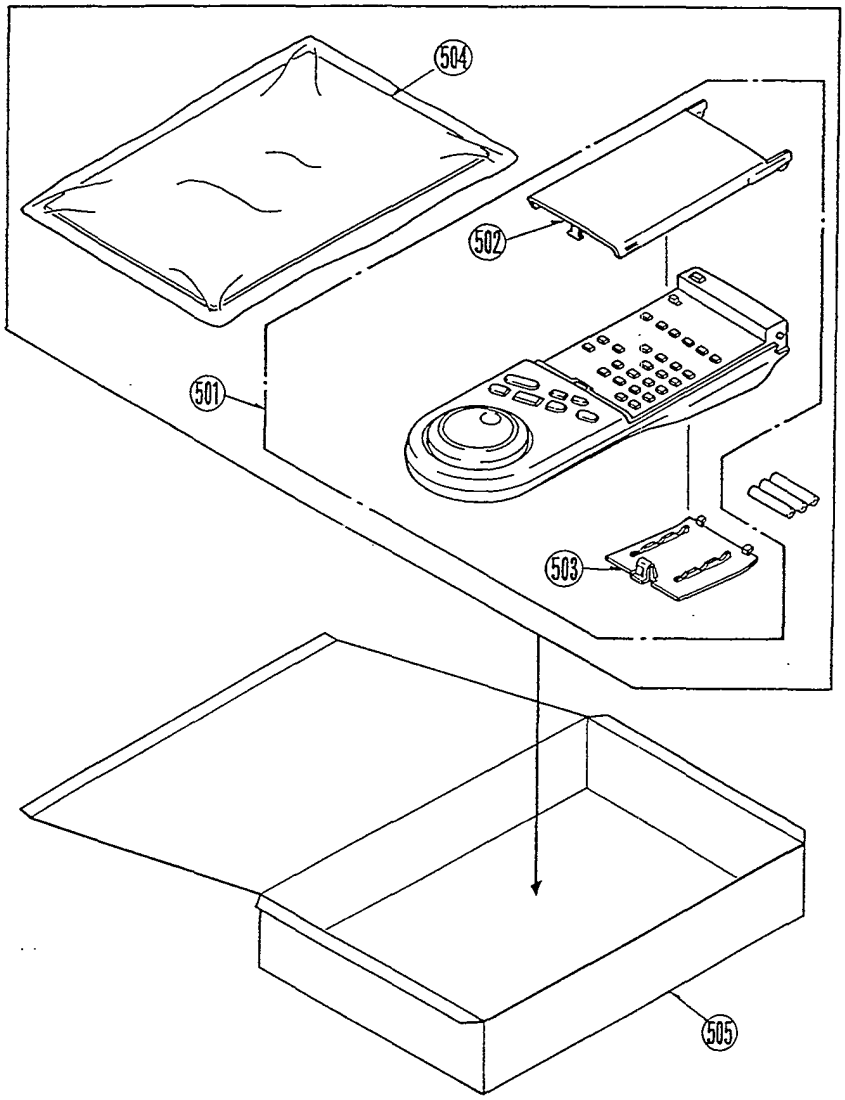
Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R9026		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R9027-29		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	3	
R9030		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R9031		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R9037		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R9038		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R9039		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R9040		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R9041		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R9042		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R9043		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R9044		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R9045		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R9046		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R9047,48		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R9049		ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R9050		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R9051,52		ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	2	
R9053		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R9054,55		ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	2	
R9056		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R9057		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R9058		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R9059,60		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R9061		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R9062		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R9063		ERJ6GEYJ202	M.RESISTOR CH 1/10W 2K	1	
R9064		ERJ6GEYJ132	M.RESISTOR CH 1/10W 1.3K	1	
R9065		ERJ6GEYJ432	M.RESISTOR CH 1/10W 4.3K	1	
R9066		ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R9067		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R9068-70		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	3	
R9071		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R9072,73		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R9074		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R9075		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R9076		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R9077		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R9078		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R9079		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R9080,81		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R9082		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R9083		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R9084		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R9085,86		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	2	
R9087		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R9088		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R9089		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R9090		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R9091,92		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R9093		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R9094		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R9095		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R9096		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R9097		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R9098		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R9099		ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R9100		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R9101		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R9104		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R9106-08		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R9109,10		ERJ6GEYJ330	M.RESISTOR CH 1/10W 33	2	
R9111		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R9112		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R9113		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R9114		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R9117		ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R9118		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R9119		ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R9120		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R9121,22		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R9123		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
			VARIABLE RESISTORS		

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
VR9001		EVN4LCA00B13	V.RESISTOR 1K	1	
VR9002		EVNDXAA00B54	V.RESISTOR 50K	1	
VR9003		EVN4LCA00B13	V.RESISTOR 1K	1	
VR9004		EVNDXAA00B24	V.RESISTOR 20K	1	
VR9005,06		EVN4LCA00B14	V.RESISTOR 10K	2	
VR9007		EVN4YCA00B13	V.RESISTOR 1K	1	
			CRYSTAL OSCILLATORS		
X9001		EF0A5004BR	CRYSTAL OSCILLATOR	1	
X9002		VSX0404	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VSC3619	SHIELD COVER (MAIN)	1	
		VSC3620	SHIELD COVER (BOTTOM)	1	
		VSC3618	SHIELD COVER (TOP)	1	
		VMX1921	RUBBER SPACER	2	
	■	VEP04359A	FRONT JACK C.B.A.		(NLA)NV-FS200EC/B
			CAPACITORS		
C3951,52		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	2	
C4951,52		ECCF1H101JC	C.CAPACITOR 50V 100P	2	
			JACKS		
J3951		VJJ0209	S INPUT TERMINAL	1	
J3952		VJJ0215	RCA PIN JACK	1	
J3953		VJJ0182	EDIT JACK	1	
			COILS		
L4951,52		VLQ0188J101	COIL 100UH	2	
			CONNECTORS		
P3951		VJP2760	CONNECTOR (MALE)	1	
			RESISTORS		
R4951,52		ERDS2TJ222	C.RESISTOR 1/4W 2.2K	2	
			MISCELLANEOUS		
		VMX1679	JACK SPACER	1	
		VSC2932	SHIELD COVER	1	
	■	VEP00K88C	FE HEAD AMP C.B.A.		(NLA)
			CAPACITORS		
C1401		ECEA1CK100	C.CAPACITOR 16V 10U	1	
			COMBINATION PARTS		
CR1401		EXED103Z333	CAPACITOR-RESISTOR	1	
			TRANSISTORS		

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
Q1401		2SD1991-R	TRANSISTOR	1	
			MISCELLANEOUS		
		VJP1148	CONNECTOR (MALE) 2P	1	
		VLQ0188J101	COIL 100UH	1	
		EIQ7QF012Q	COIL	1	
		VWJ0121	JAMPER	1	
		ECQB1H333JH	P.CAPACITOR 50V 0.033U	1	
		ECQB1H472JZ	P.CAPACITOR 50V 4700P	1	
	■	VEP00P61A	INTERFACE C.B.A.		
			MISCELLANEOUS		
		VJP1244T	CONNECTOR (MALE) 4P	1	
		VLP0083	FILTER	1	
	■	VXA3825	MECHANISM CONNECTION C.B.A.		(NLA)
			MISCELLANEOUS		
		VJS1493	CONNECTOR (FEMALE) 15P	1	
		ON2170-LF1	PHOTO COUPLER	2	
		VMZ1366	PROTECTION SHEET	1	
	■	VEK3578	PHOTO Tr. (S) C.B.A.		(NLA)
			MISCELLANEOUS		
		ECKZ1H102KB	C.CAPACITOR 50V 1000P	1	
		PN150NV	PHOTO TRANSISTOR	1	
		VMD0645	HOLDER	1	
	■	————	PHOTO Tr. (T) C.B.A.		(NLA)
			MISCELLANEOUS		
		ECKZ1H102KB	C.CAPACITOR 50V 1000P	1	
		ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
		PN150NV	PHOTO TRANSISTOR	1	
		VJS2165W	CONNECTOR (FEMALE) 6P	1	
		VMD0645	HOLDER	1	

SECTION 6
OPTION

6-1. VW-R88E EXPLODED VIEW & PARTS LIST (NV-FS88B/EC)



Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
501		VEQ1296	REMOTE CONTROL UNIT	1	
502		VGP2891	TOP COVER	1	
503		VKF1714	BATTERY COVER	1	
504		VQT5063	OPERATING INSTRUCTIONS	1	
			(ENGLISH/GERMAN/FRENCH		
			SPANISH)		
505		VPK1488	PACKING	1	

6-2. HOW TO INSTALL THE VW-VPS6E (NV-FS200EC, NV-FS88EC)

To install the optical VPS Decoder (VW–VPS6E), consult your Panasonic dealer.

1. Do not connect the video recorder to the mains outlet.
2. Unfasten the 4 screws of the Side Panel and remove the Side Panel (L) nad (R). (FS200EC)
3. Unfasten the 4 screws of the cabinet cover and remove the cabinet cover.(Fig.V2)
4. Remove the 3 screws on the back of the unit and the 4 screws on the upper side of the Main C.B.A.(Fig.V3)
5. Lift the Main C.B.A. up side down and lie it on the Cassette Compartment.
   Insert the VPS Decoder and solder it.(Fig.V4)

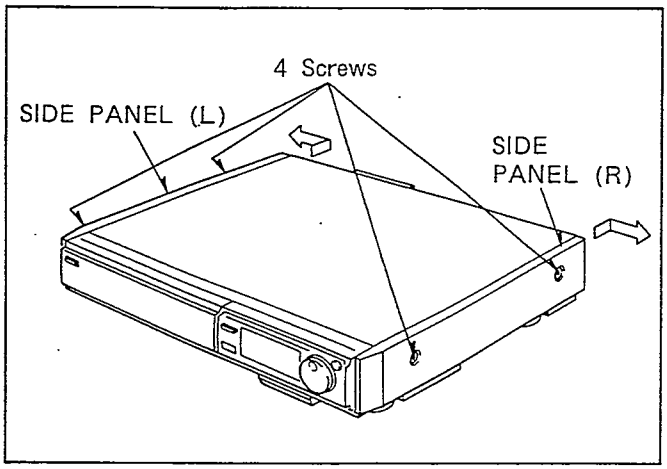


Fig. V1

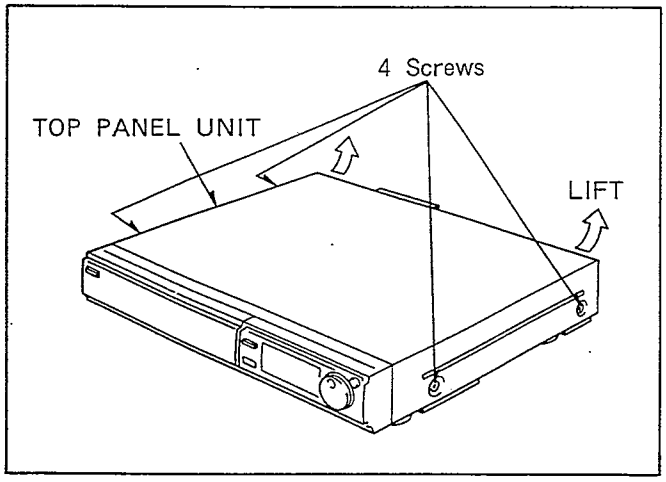


Fig. V2

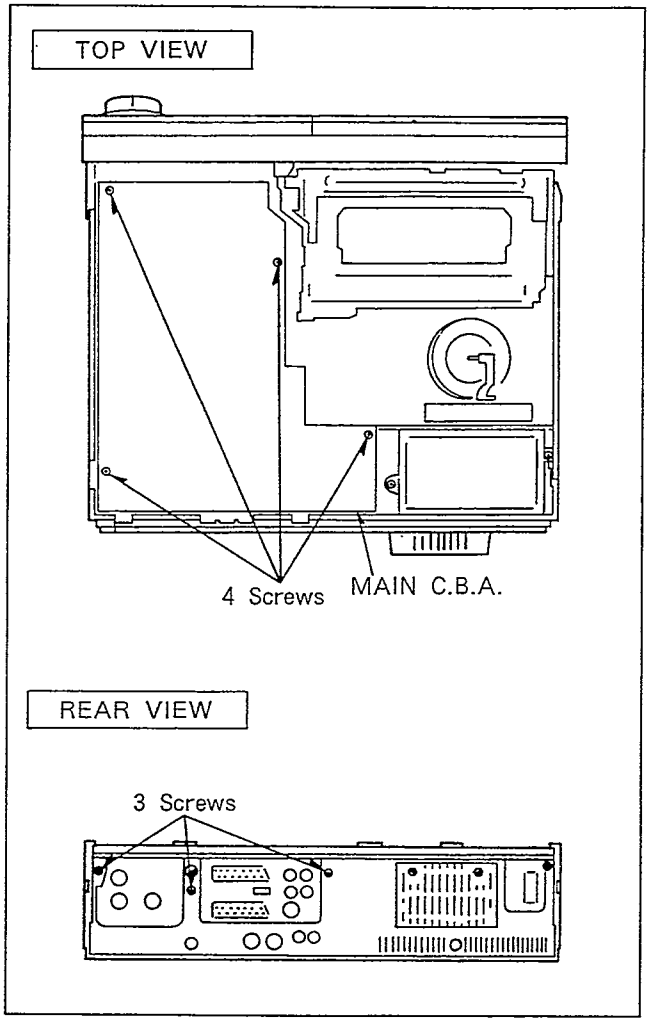


Fig. V3

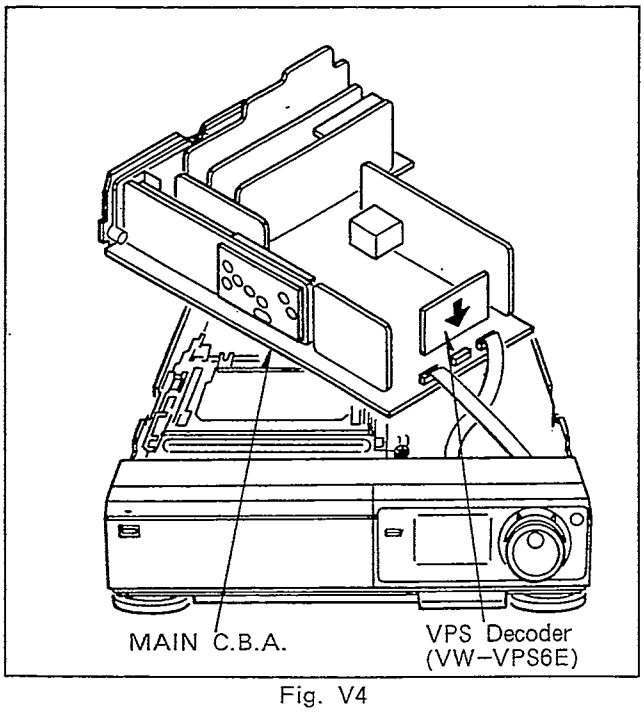
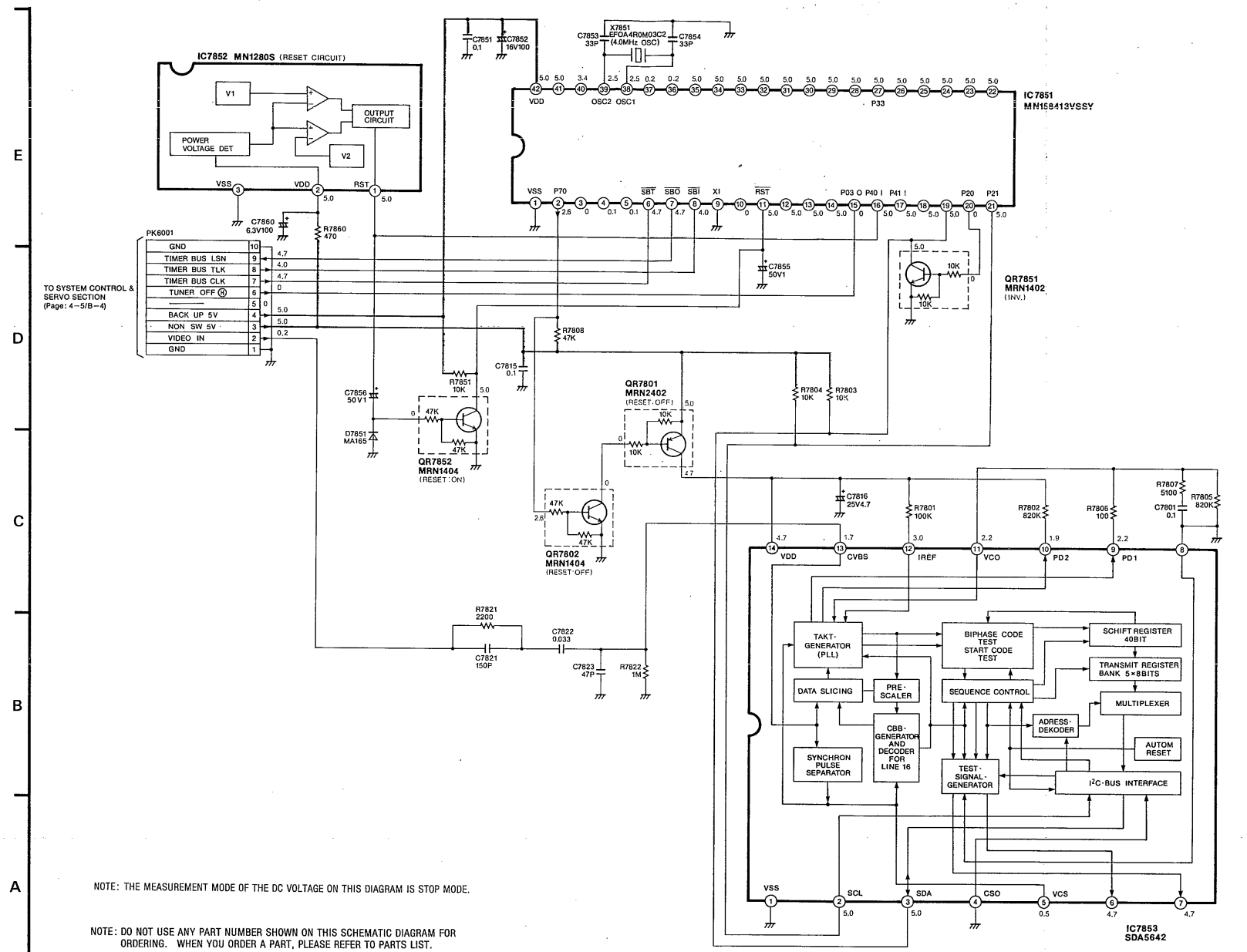


Fig. V4

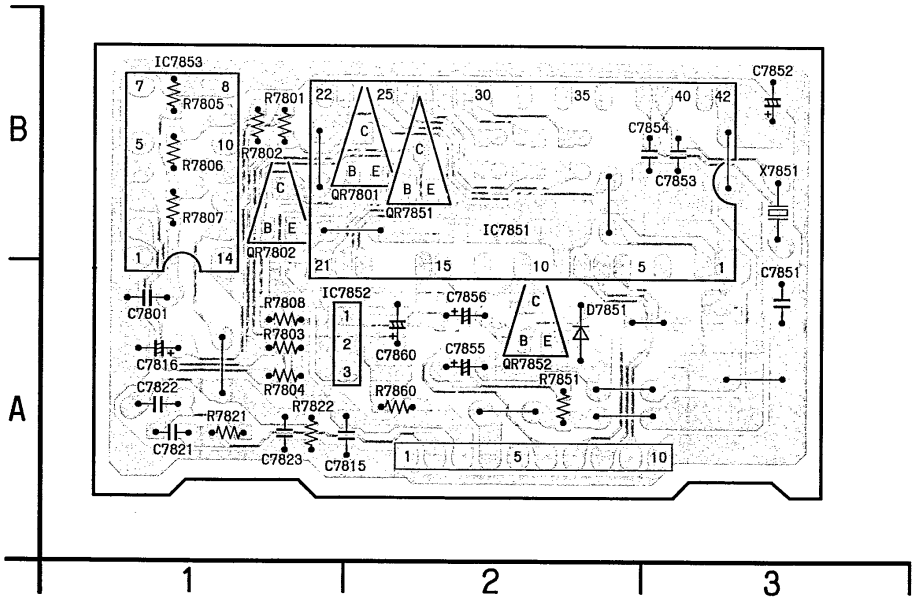
6-3. VW-VPS6E SCHEMATIC DIAGRAM (NV-FS200EC, NV-FS88EC)



6-4. VW-VPS6E C.B.A (VEP07575A: NV-FS200EC, NV-FS88EC)

VPS PACK C.B.A.	
Transistor & Resistor	
QR7801	B-2
QR7802	B-1
QR7851	B-2
QR7852	A-2
Integrated Circuit	
IC7851	B-2
IC7852	A-2
IC7853	B-1

ADDRESS INFORMATION



6-5. VW-VPS6E PARTS LIST (NV-FS200EC, NV-FS88EC)

Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.
3.Unless otherwise specified,
All resistors are in OHMS ,K-1,000 OHMS. All capacitors are in MICRO-FARADS(uf),P-uuf.
4.The P.C.Board units marked width'■'show below the main assembled parts.
5.Printed circuit board assembly with mark(NLA) is no longer available after discontinuation of the product.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP07575A	VPS C.B.A.	1	(NLA)
	■	VEP07575A	VPS C.B.A.		(NLA)
			CAPACITORS		
C7801		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7815		VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C7816		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C7821		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C7822		ECQB1H333JH	P.CAPACITOR 50V 0.033U	1	
C7823		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C7851		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7852		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C7853,54		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	2	
C7855,56		ECEA1HK010	E.CAPACITOR 50V 1U	2	
C7860		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
			DIODES		
D7851		1SS254	DIODE	1	
			INTEGRATED CIRCUITS		
IC7851		MN158413VSSY	IC	1	
IC7852		MN1280S	IC	1	(S)
IC7853		SDA5642	IC	1	
			COMBINATION PARTS		
QR7801		MRN2402	TRANSISTOR	1	
QR7802		MRN1404	TRANSISTOR	1	
QR7851		MRN1402	TRANSISTOR	1	
QR7852		MRN1404	TRANSISTOR	1	
			RESISTORS		
R7801		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7802		ERJ6GEYJ824	M.RESISTOR CH 1/10W 820K	1	
R7803,04		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R7805		ERJ6GEYJ824	M.RESISTOR CH 1/10W 820K	1	
R7806		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7807		ERJ6GEYG512	M.RESISTOR CH 1/10W 5.1K	1	
R7808		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7821		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7822		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1N	1	
R7851		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7860		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
			CRYSTAL OSCILLATORS		
X7851		EFOAMROM03C2	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJR0189	PACK PIN 10P	1	

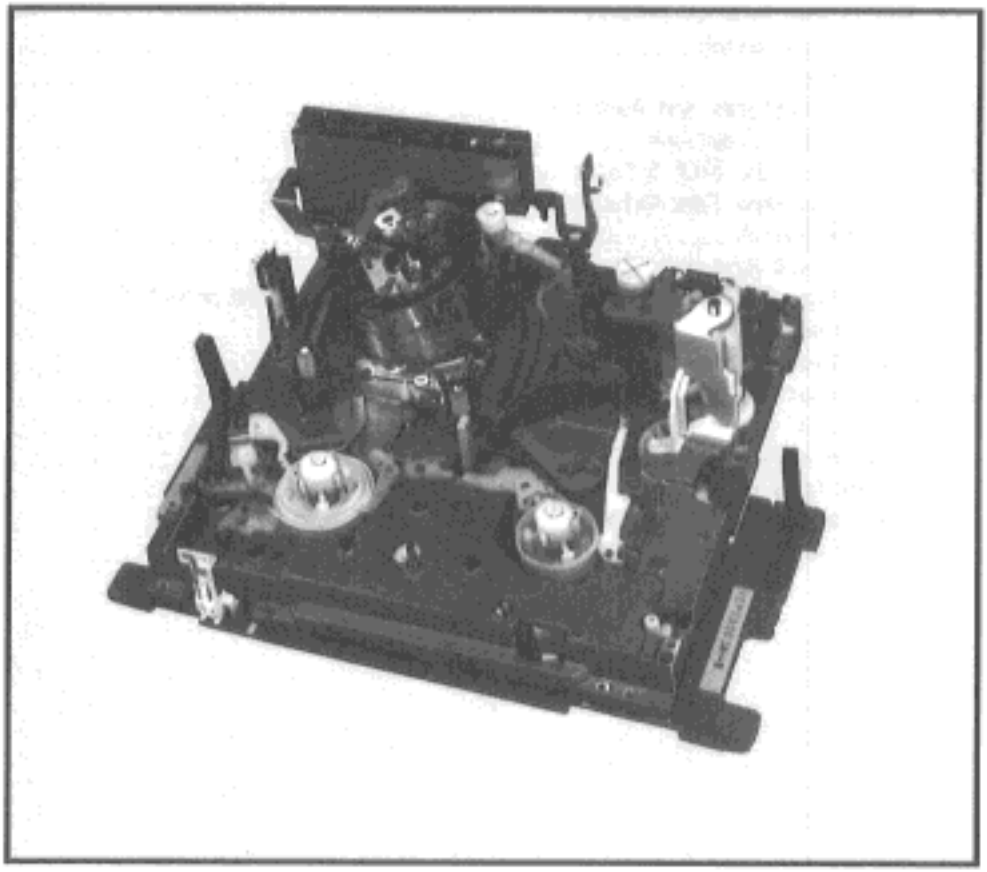
Ref.No.		Part No.	Part Name & Description	Pcs	Remarks

ORDER NO. VRD9302D101

Training Manual

VHS Video Cassette Recorder

K-MECHANISM CHASSIS



INTRODUCTION

The K-Mechanism chassis are built in several Panasonic VHS Video Cassette Recorders from NV-SD series in 1992.

Panasonic

CONTENS

1. Outline of the K Mechanism 1
1-1. Operation of the K Mechanism 1
1-1-1. K Mechanism Components 2
1-1-2. Loading Motor Mechanism Movement 4
1-1-3. Capstan Motor Mechanism Movement 8
1-2. View of Phase Alignment 11
1-2-1. Phase Alignment in the Eject Position 12
1-3. Service Note 13
2. System Control 14
2-1. Serial Data Transmission Circuit 14
2-2. Mechanism Control Circuit 24
2-2-1. Cassette-Insert Detection 25
2-3. Safety Circuit 25
2-3-1. Cylinder Lock 25
2-3-2. Loading & Unloading Mechanism Lock 25
2-3-3. Cassette Loading & Unloading Lock 26
2-3-4. Reel Sensor 26
2-3-5. Supply and Take-up Sensors 26
2-3-6. Safety Tab Switch 26
2-3-7. Dew Sensor 26
2-4. Special Features and Controls 26
2-4-1. STOP 3 Specifications 26
2-4-2. Standby in the STOP 3 Position 26
2-4-3. Remaining Tape Time Calculation in FF/REW mode 26
2-4-4. CUE/REV Search 26
2-4-5. FR (Forward/Reverse) Search 26
2-4-6. Input/Output Chart for IC6001(Part No.:MN67434VR0R0/MN67434VR0RP) 27
2-5. Mechanical Mode Operation 30
3. Serial Data/Clock Transmission Error Display 33
4. Service Information Display 33
4-1. Purpose of Service Information Display 33
4-2. Turning on Service Information Display 33
4-3. Use of Service Modes 34
4-4. Service Information Number 34
4-5. Timing Chart form Mode SW to System control IC6001 38

1. Outline of the K Mechanism

This mechanism maintains the high performance of the G2 mechanism but with a great decrease the quantity of mounted parts, 40% less than the G2.

(1) Parts Reduction

<K Mechanism>

a) Reduction in the number of drive mechanisms through the use of a single motor to perform front loading and unit loading.

b) Direct drive of the brakes and loading gears with the multi-function main lever.

c) Elimination of sub-levers and solenoids.

<Front Loading Unit>

a) Tape end/beginning detector LED is utilized, instead of a slide switch, to reduce the wiring.

b) Elimination or combining joint parts.

c) Smaller and thinner top plate and rack.

Mechanical Types	Number of G Mech. parts	Number of G2 Mech. parts	Number of K Mech. parts	Ratio with G Mech.	Ratio with G2 Mech.
Total Number	398	445	266	-33.1%	-40.2%

(2) No adjustment of the following is required:

* take-up reel incline position
* P5 post height

(3) Reduced Gear Phase Position Alignments

The K mechanism has only 6 gear phase alignment positions and the G mechanism has 12 gear phase alignment positions.

1-1. Operation of the K Mechanism

The K mechanism has two motors, the loading motor and the capstan motor. The loading motor operates the front loading/unloading and posts loading/unloading. The capstan motor operates each mode. The bottom C.B.A. connects the mechanism to the system control circuit. On the C.B.A. there are take-up and Supply photosensors, Sensor LED, Mode Switch Connector, Safety Tab Switch, Supply and Take-up Reel Sensors and Loading Motor Connector.

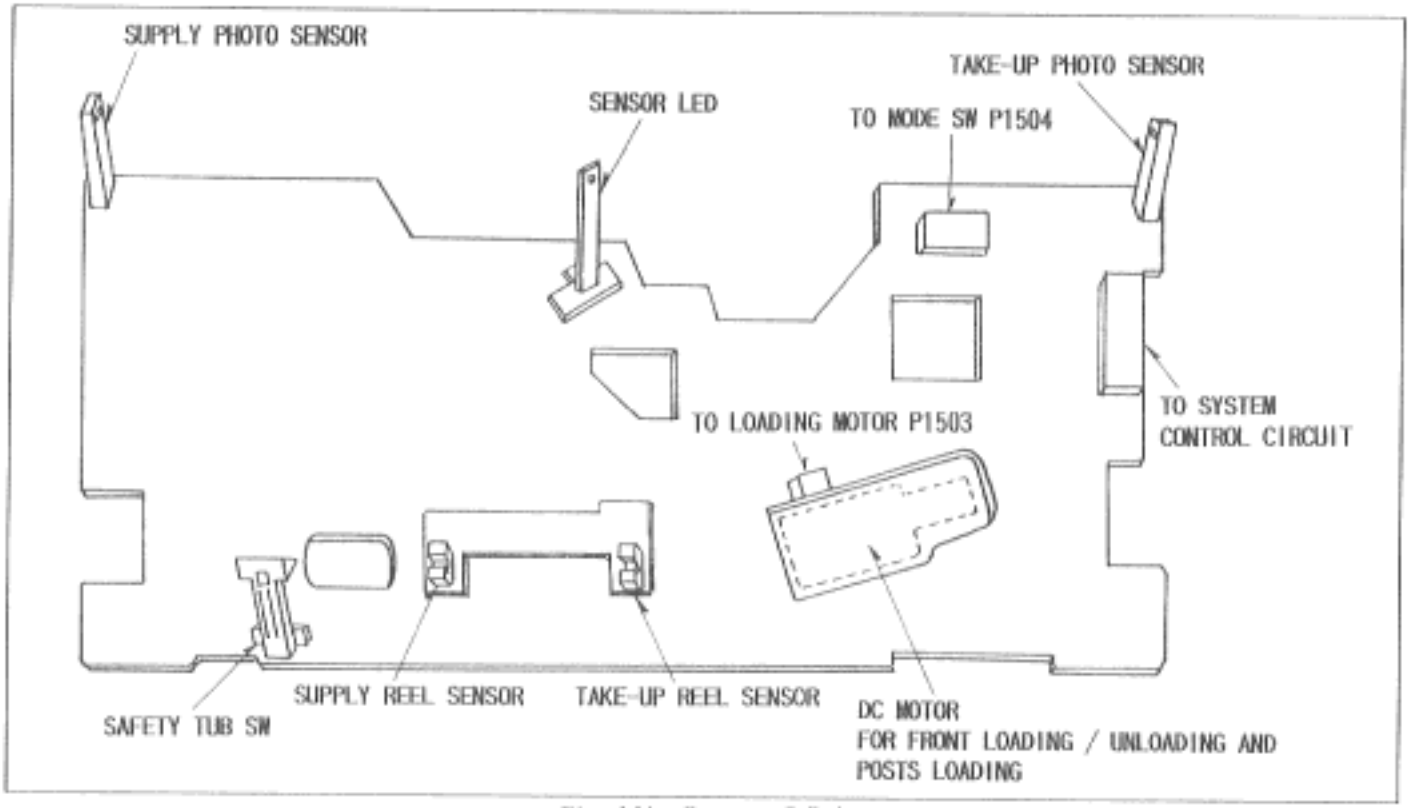


Fig. M1 Bottom C.B.A.

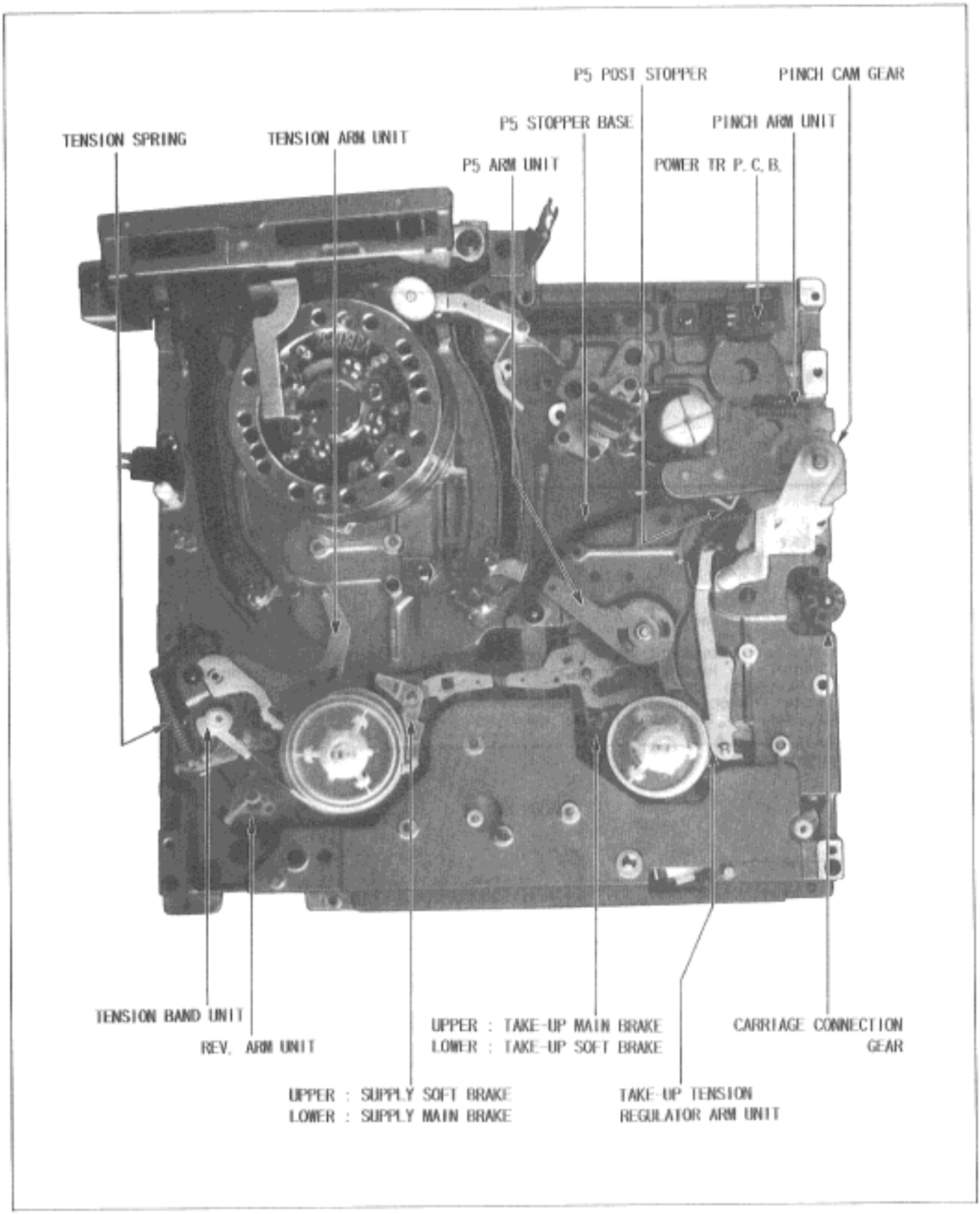


Fig. M2 Top View of K Mechanism

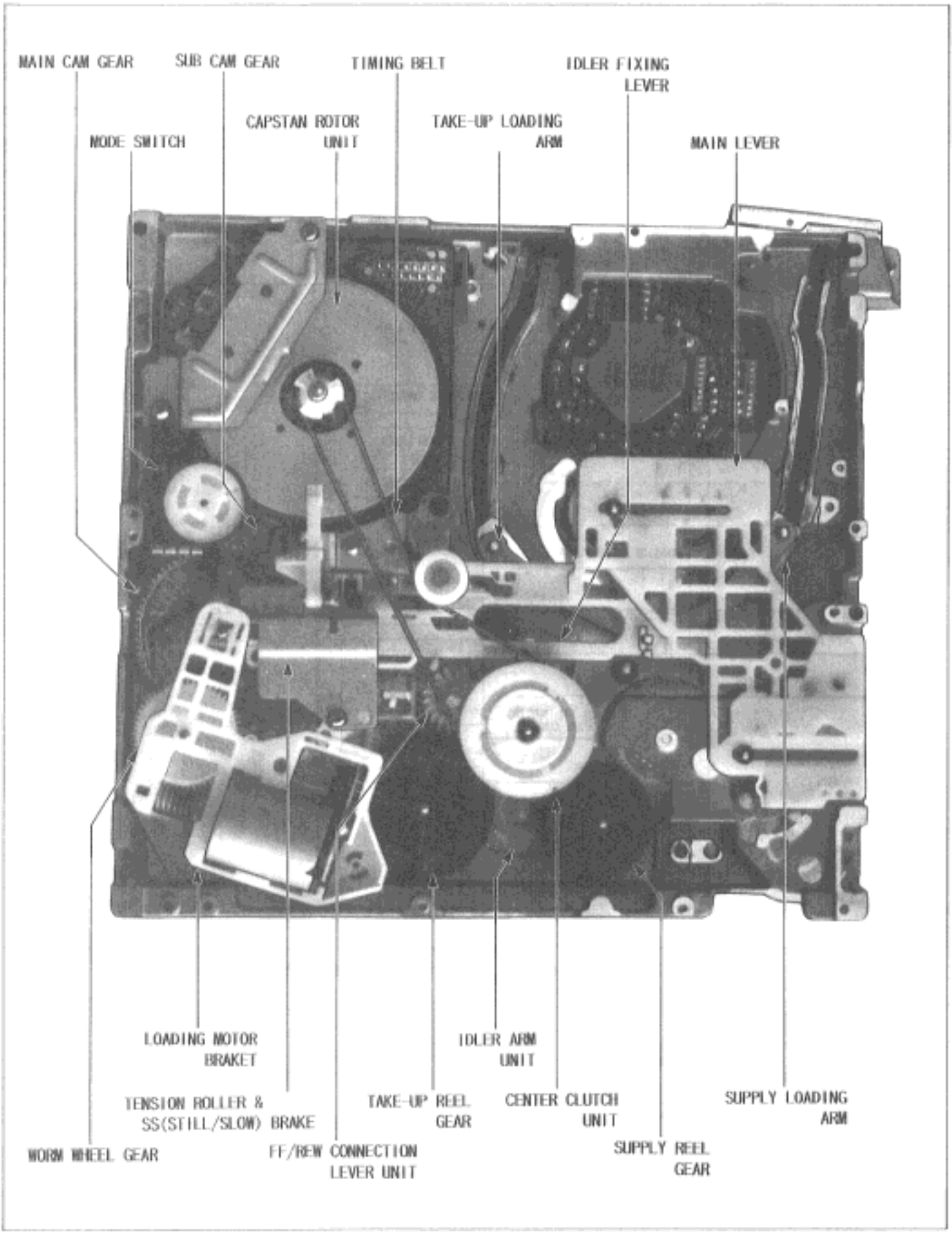


Fig. M3 Bottom View of K Mechanism

1-1-2. Loading Motor Mechanism Movement

(1) Mechanism Control for each mode.

<Example>

When a cassette is inserted into the cassette carriage, the loading motor performs the Cassette Down, Tension Arm, Soft Brake, Main Brake controls. At this time, the drive power of each control is applied as follows,

(1) Cassette Down operation <- Carriage Connection Gear <- Main Cam Gear
(2) Tension Arm operation <- Main Lever <- Main Cam Gear
(3) Soft Brake applied <- Main Lever <- Main Cam Gear
(4) Main Brake applied <- Main Lever <- Main Cam Gear

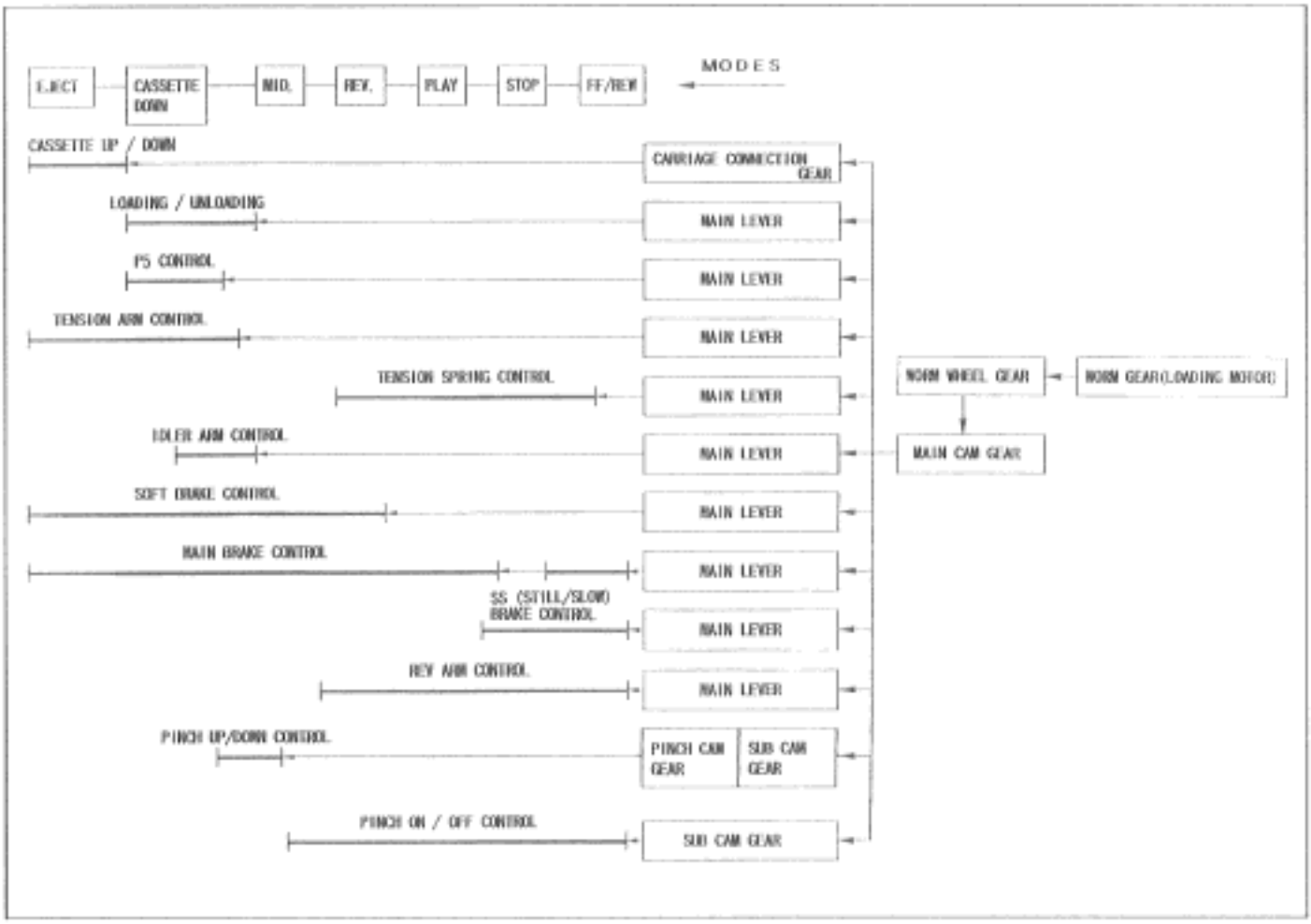


Fig. M4 Transmission Rout of Gears in each Mode

<Detail Mode Operation>

a) MID Loading/Unloading operation
b) REV 1) REV 2) REV SLOW
c) PLAY 1) PLAY 2) CUE 3) STILL
4) FWD SLOW 5) STOP 3
6) REC 7) PAUSE

NOTE:
STOP3 is the position where the Pinch Roller is on the capstan motor shaft.

d) STOP The Pinch Roller is off the capstan motor shaft.

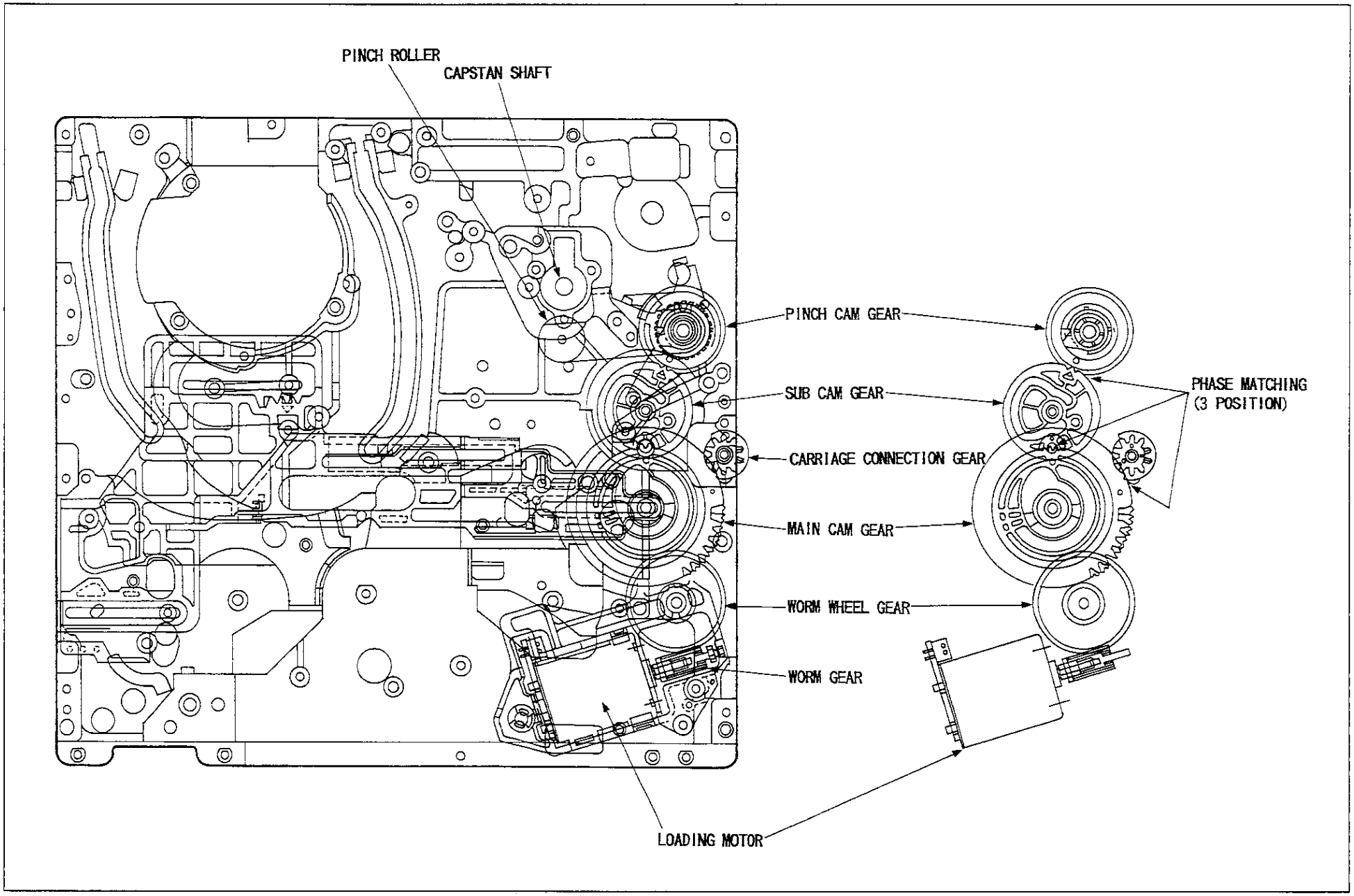


Fig. M5 Top View of Components Location

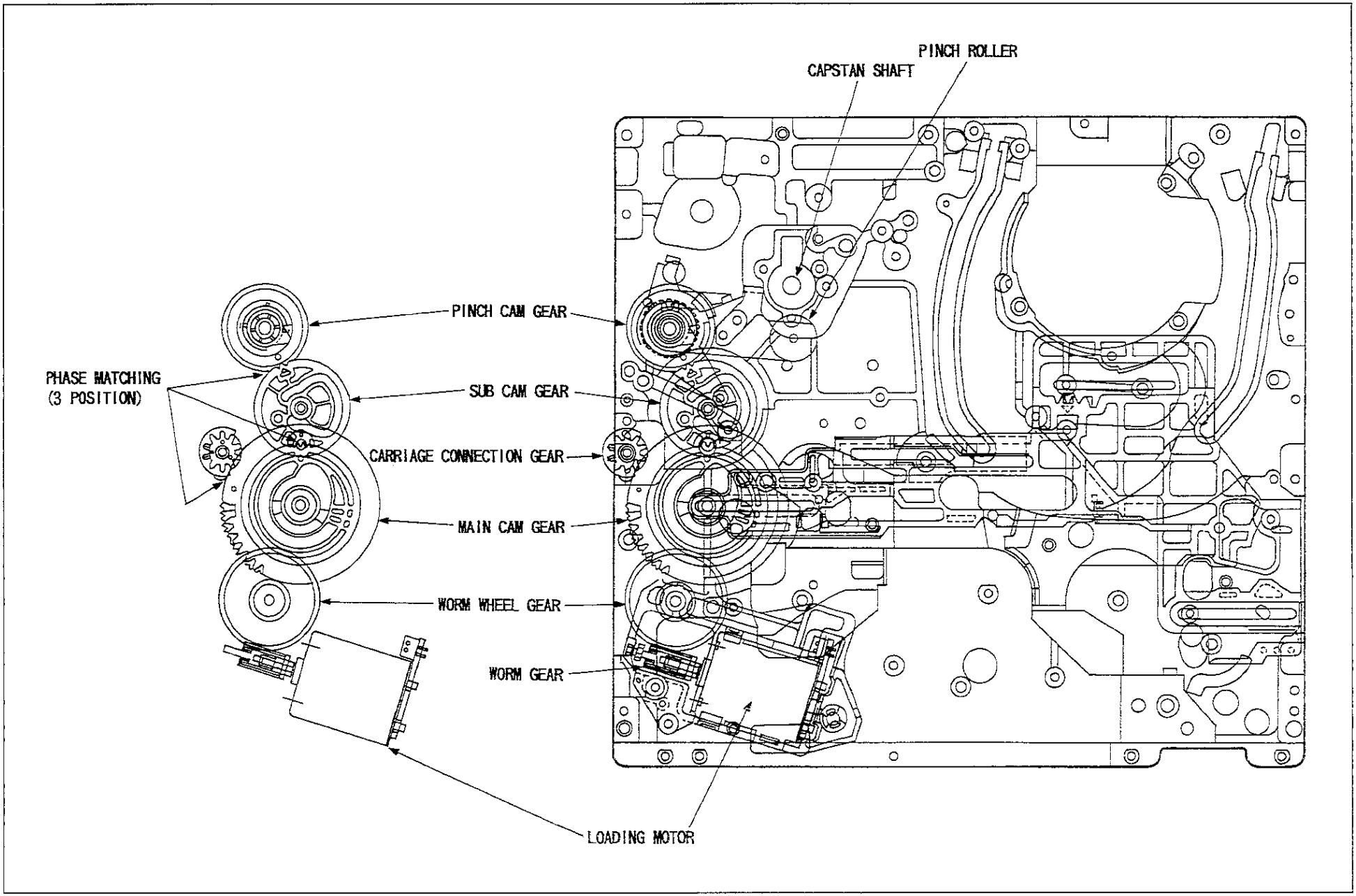


Fig. M6 Bottom View of Components Location

(2) Posts and Main Lever Positions.

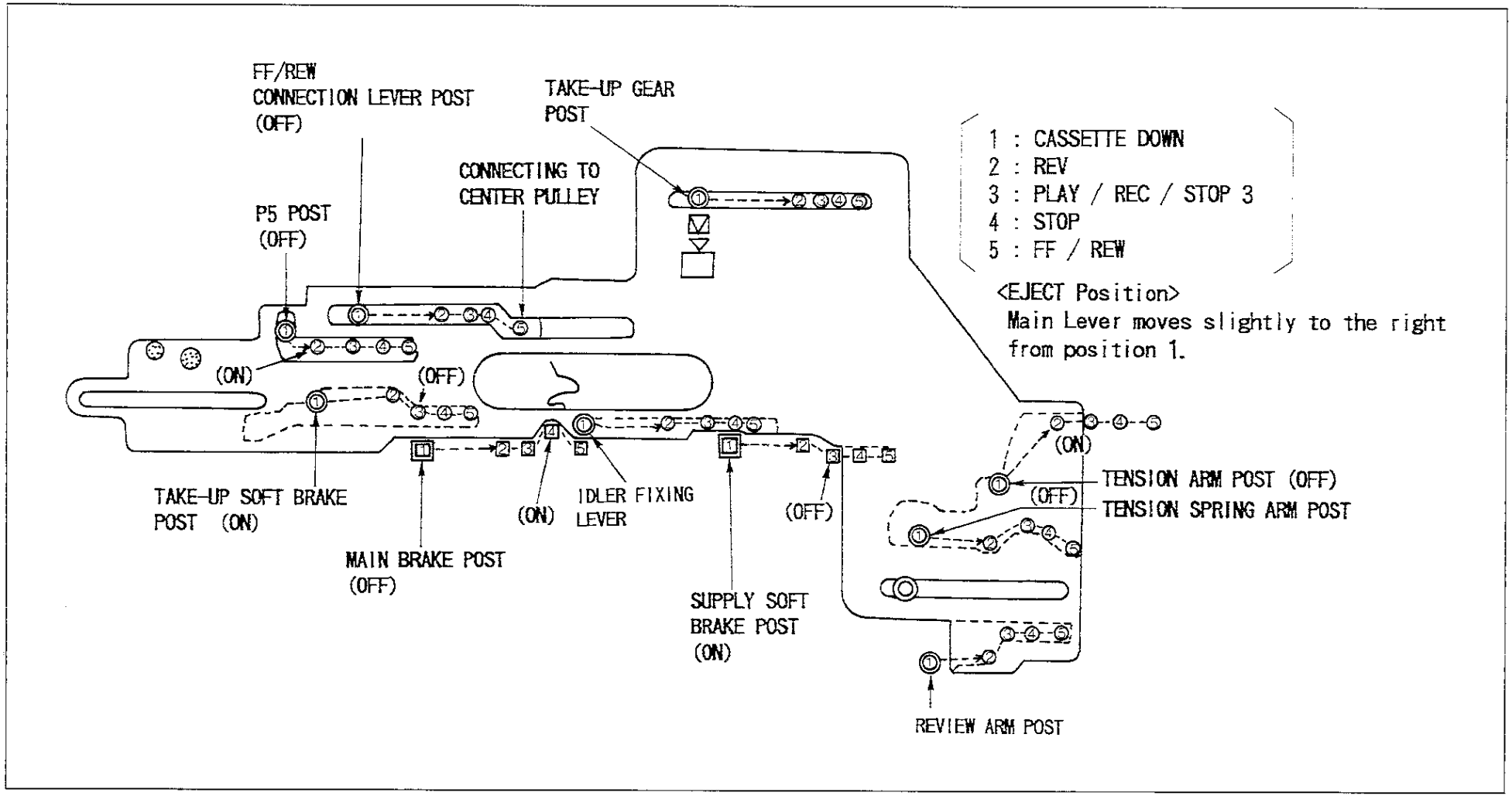


Fig. M7 Post and Main Lever Position in each Mode

1-1-3. Capstan Motor Mechanism Movement

There are 4 routes which drive power is transmitted from the capstan motor to the gears to perform mode operations as shown below.

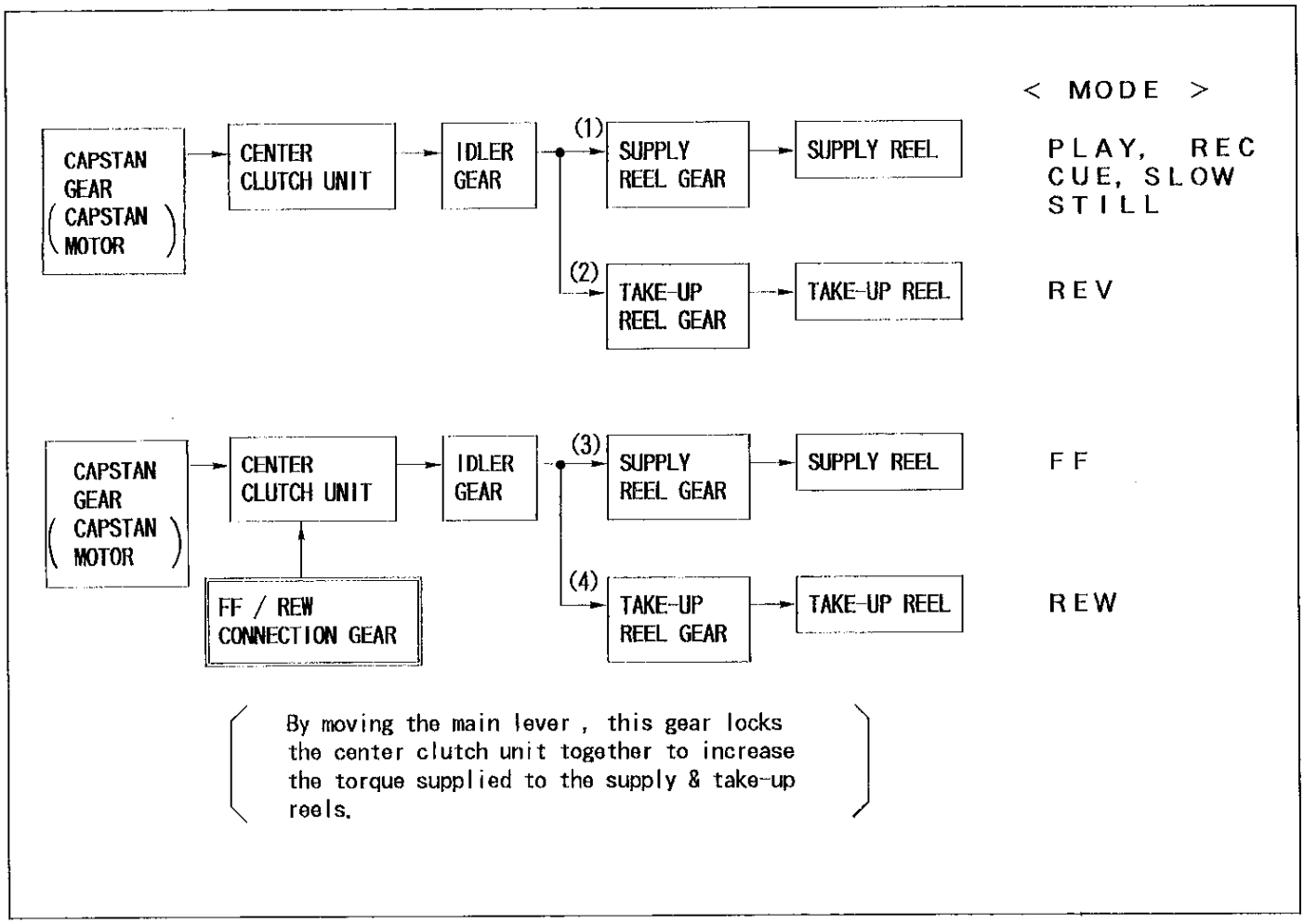


Fig. M8 Transmission Route of Gears in each Mode

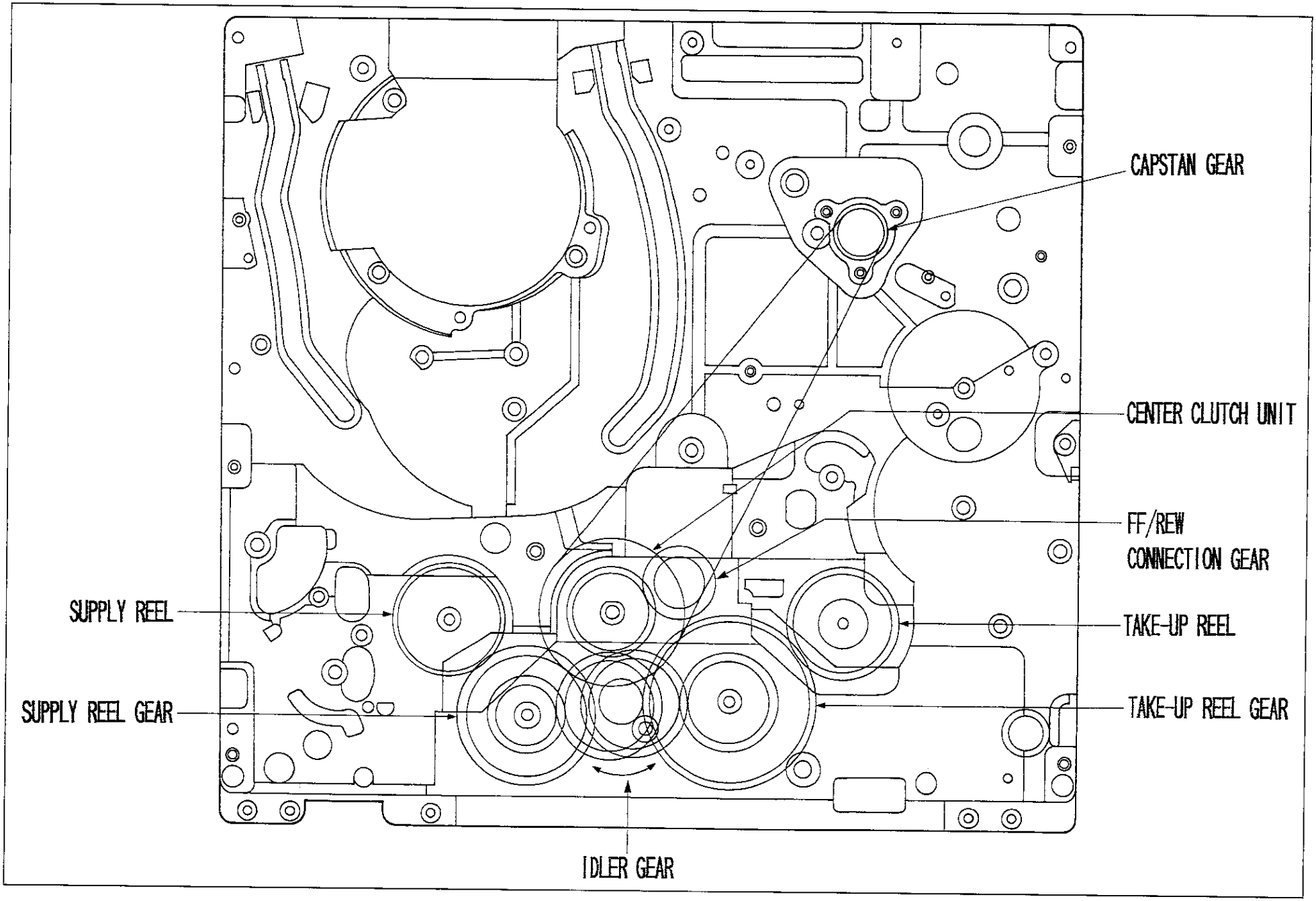


Fig. M9 Top View of Components Location

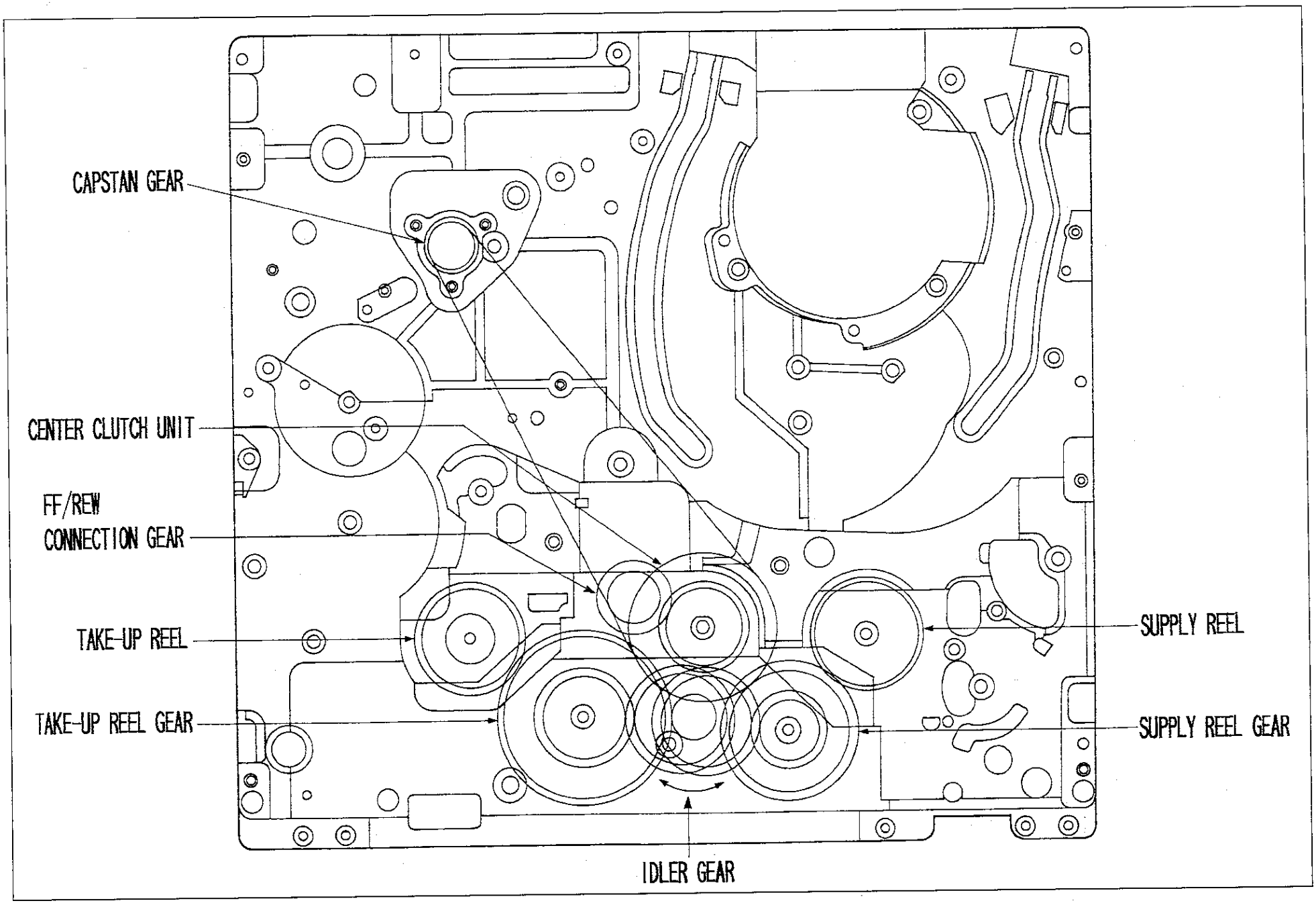


Fig. M10 Bottom View of Components Location

1-2. View of Phase Alignment

The gear phase alignment is perform in the cassette down position and is crucial for the K Mechanism to operate correctly.

(1) Top View of Gear Phase Alignment Marks.
There are alignment marks on the Pinch Cam Gear and Sub Cam Gear. There is one alignment mark on the carriage connection gear.

(2) Bottom View of Gear Phase Alignment Marks.
There are alignment marks on Take-up Loading Gear and Supply Loading Gear.
There is an additional mark on the Take-up Loading Gear that aligns with the mark on the main lever. There are alignment marks on the Main Cam Gear and the Sub Cam Gear. The mode switch gear mark aligns with a notch in the mode switch frame.

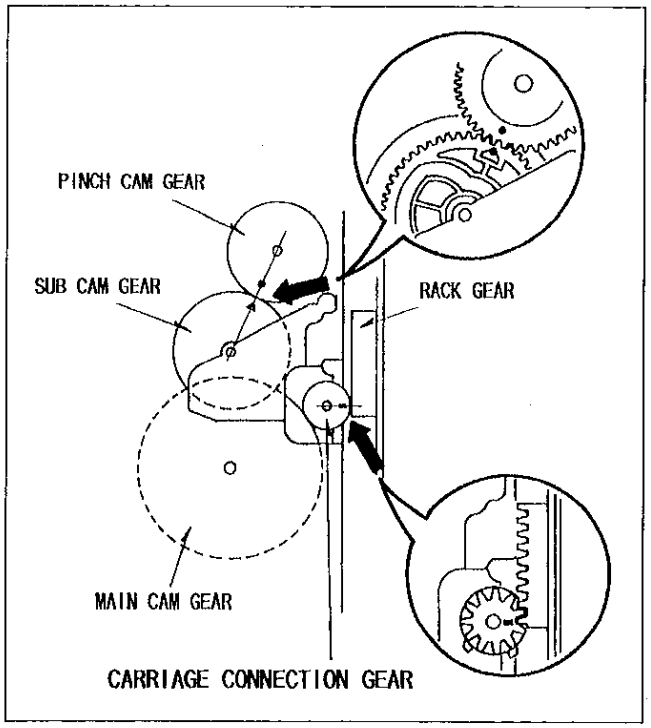


Fig. M11 Top View of Gear Phase Alignment

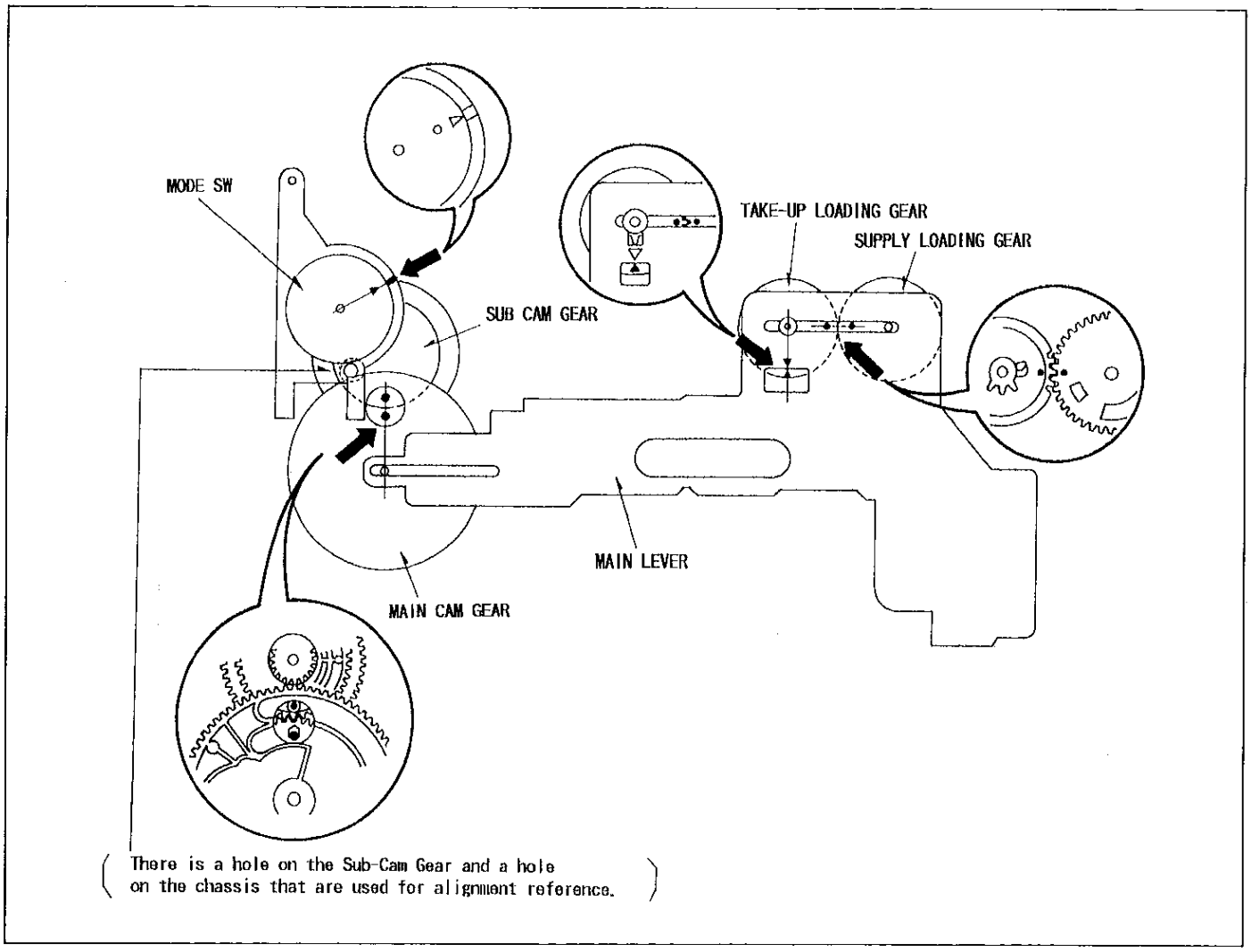

MODE SW
TAKE-UP LOADING GEAR
SUPPLY LOADING GEAR
SUB CAM GEAR
MAIN LEVER
MAIN CAM GEAR
There is a hole on the Sub-Cam Gear and a hole on the chassis that are used for alignment reference.

Fig. M12 Bottom View of Gear Phase Alignment

1-2-1. Phase Alignment in the Eject Position

When assembling a cassette carriage in an unit, align the phase as shown in Fig.M13.

(1) Phase alignment of Carriage Connection Gear

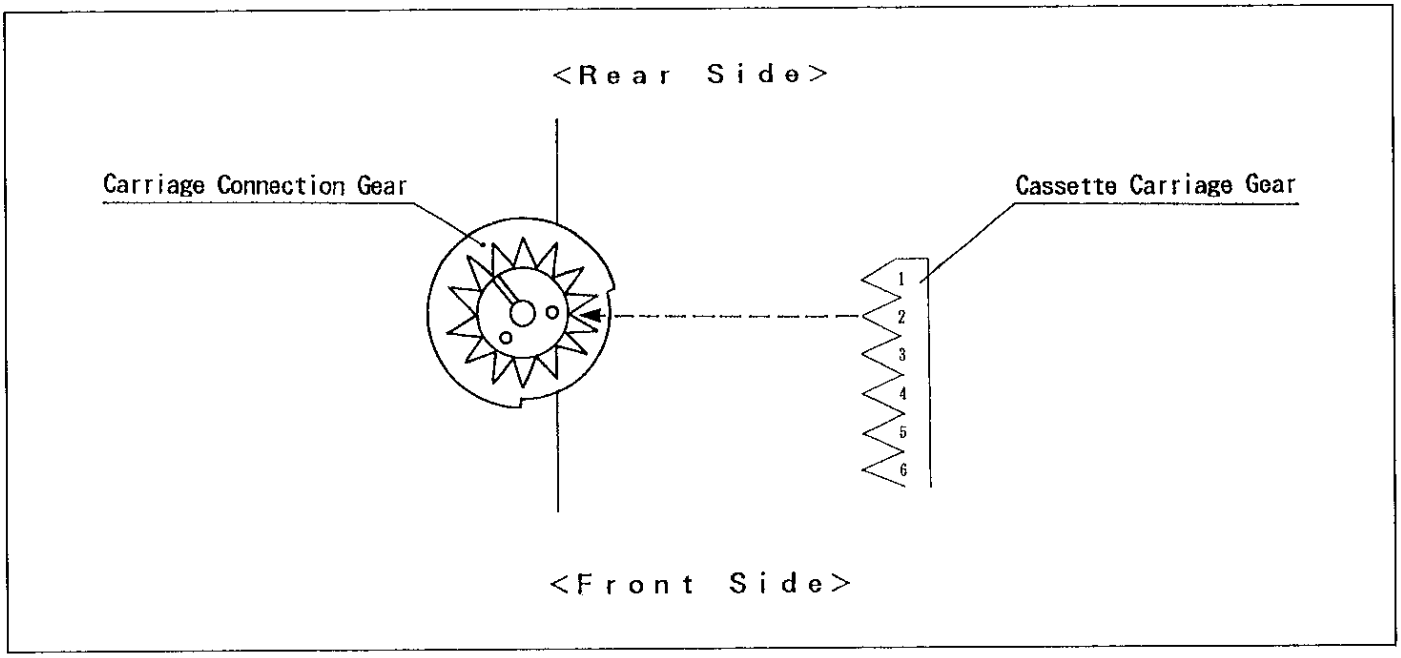


Fig. M13 Phase Alignment of Carriage Connection Gear

(2) Position of Mode Switch Arrow

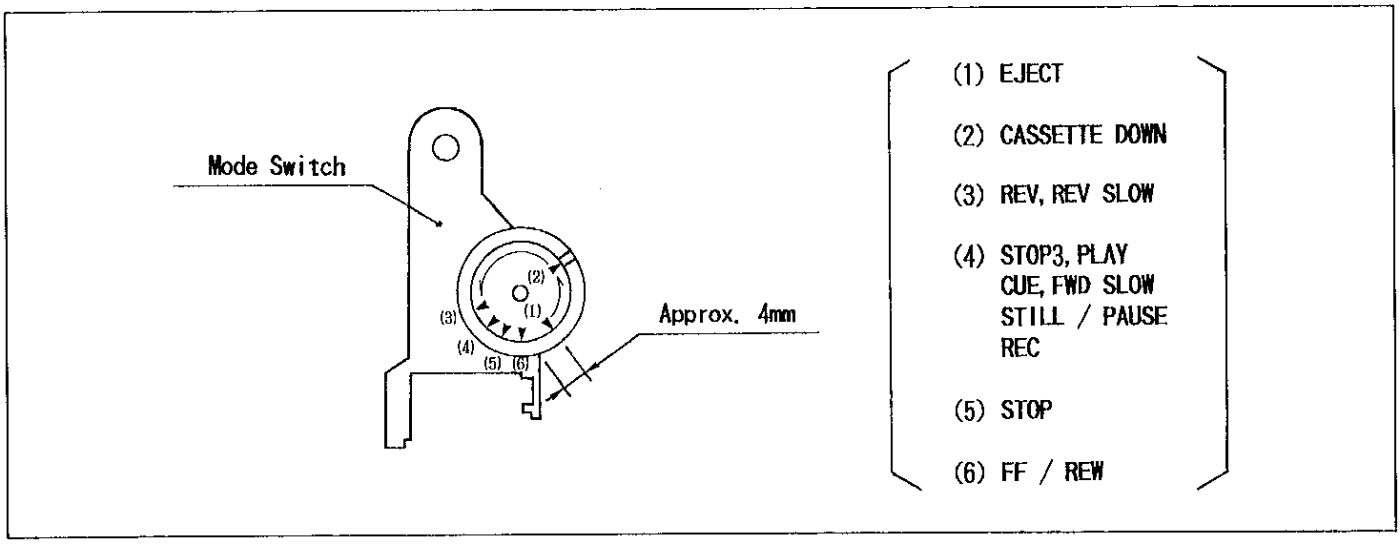


Fig. M14 Position of Mode Switch Arrow

1-3. Service Note

(1) Eject Operation

The mechanical Eject Operation works as shown in Fig.M15.

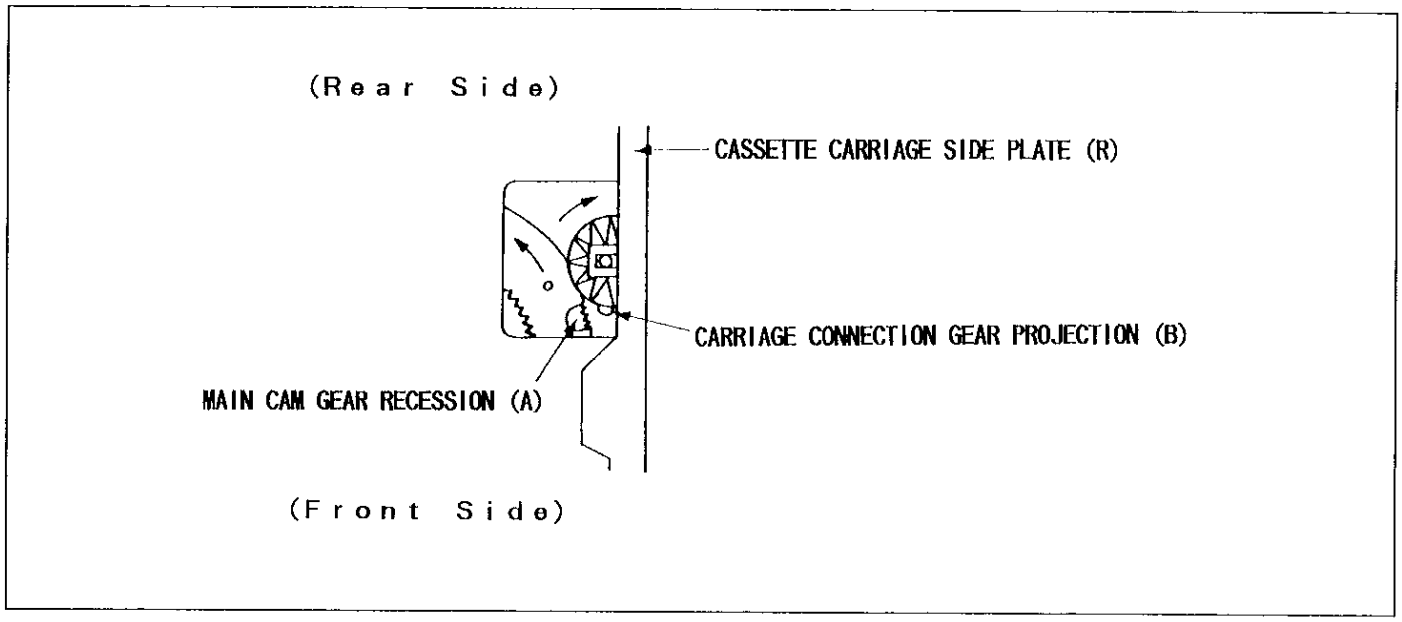


Fig. M15 Top View of Eject Operation

The main cam gear rotates in the direction of the arrow. The projection (B) of the carriage connection gear engages with the recession (A) of the main cam gear. The carriage connection gear rotates in the direction of the arrow to perform the Eject operation.

<NOTE>

If the Eject operation is performed without the cassette carriage installed while repairing or making the mechanical phase alignment, the main cam gear will not engage with the carriage connection gear and the carriage connection gear will not rotate.
For performing the Eject operation with the cassette carriage not installed, it is necessary to rotate to the carriage connection gear by hand in the direction of the arrow.

2. System Control

The new products such as NV-SD series employing K-Mechanism use a new microprocessor (Ref. No. IC6001 : MN67434VRRV / MN67434VRSA. The system control consists of 4 sections as follows.

(1) Serial Data Transmission
(2) Mechanism Control
(3) Safety
(4) Special Features and Controls

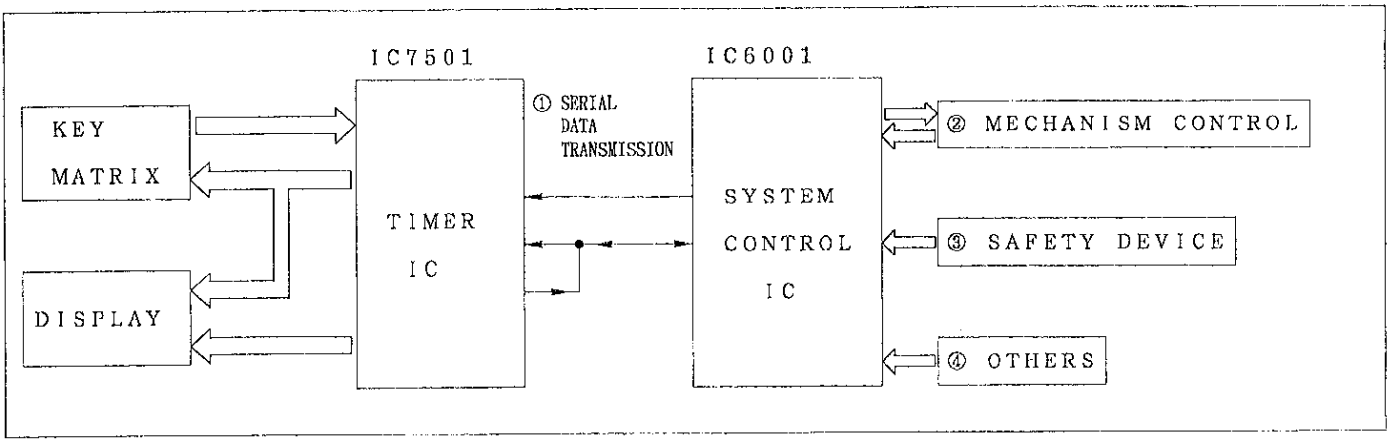


Fig. S1 Overall Block Diagram of System Control Circuit

2-1. SERIAL DATA TRANSMISSION CHART

The system control command data is transmitted as serial data to reduce the amount of transmission circuitry required. The format of serial data is shown in Fig.S2. A Serial clock is transmitted with the data for read timing reference.

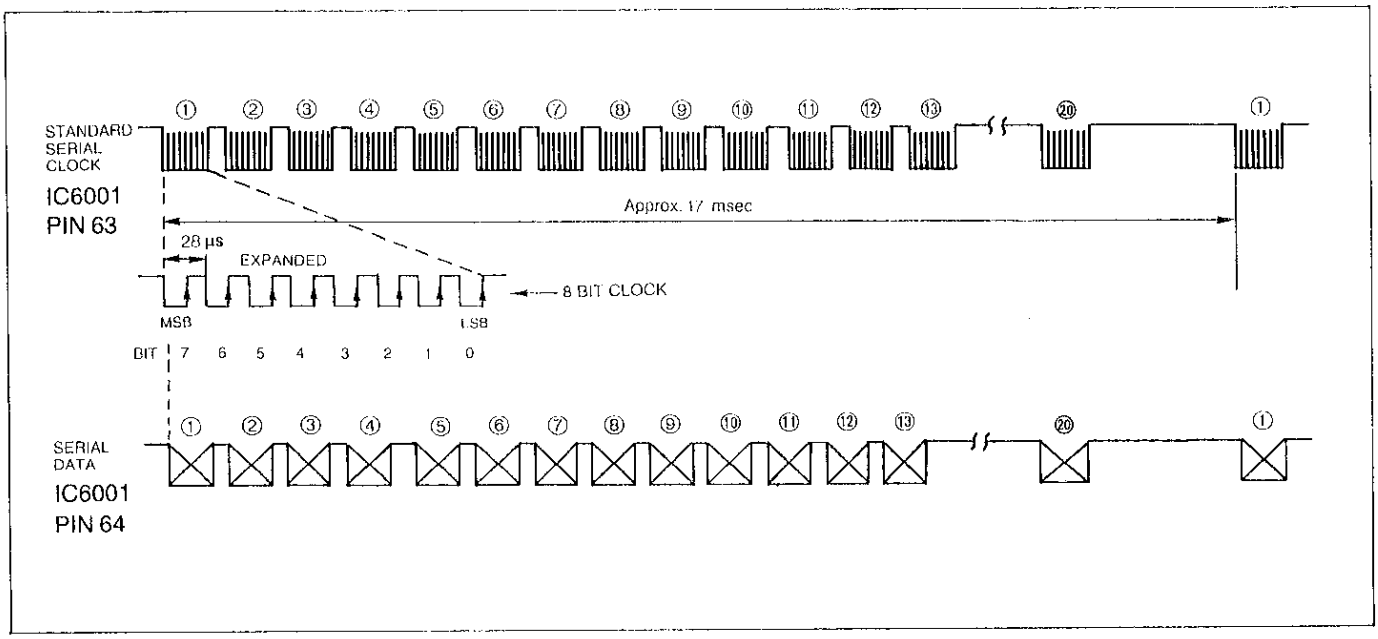


Fig. S2 Format of Serial Data and Clock

DATA NO.	DATA TRANSMISSION	CONTENTS OF DATA	DATA NO.	DATA TRANSMISSION	CONTENTS OF DATA
1	SYSTEM CONTROL IC6001 → TEMER IC7501	Tape Speed, Memory/Repeat/Search etc	11	SYSTEM CONTROL IC6001 → TEMER IC7501	Jog/VISS Code etc
2	TIMER IC7501 → SYSTEM CONTROL IC6001	Wireless Remoto & Key Control Code	12	SYSTEM CONTROL IC6001 → TEMER IC7501	Service Information Display etc
3	TIMER IC7501 → SYSTEM CONTROL IC6001	Timer Instructions code	13	SYSTEM CONTROL IC6001 → TEMER IC7501	OSD Code
4	Not Used		14	TIMER IC7501 → SYSTEM CONTROL IC6001	Jog/Shuttle Code
5	SYSTEM CONTROL IC6001 → TIMER IC7501	Deck Mode etc	15	Not Used	
6	SYSTEM CONTROL IC6001 → TIMER IC7501	Power ON/OFF, Cassette IN/OUT Code etc	16	Not Used	
7	SYSTEM CONTROL IC6001 → TIMER IC7501	Counter/Tape Remaining Code	17	Not Used	
8	SYSTEM CONTROL IC6001 → TIMER IC7501	Counter/Tape Remaining Code	18	Not Used	
9	SYSTEM CONTROL IC6001 → TIMER IC7501	Counter/Tape Remaining Code	19	Not Used	
10	TIMER IC7501 → SYSTEM CONTROL IC6001	Counter ON/OFF Tape Select Code etc	20	Not Used	

Fig. S3 Data Transmission Flow and Contents of Data

The contents of serial data transmission are shown in Fig.S4-1~13.

NO. 1 TRANSMISSION	INFORMATION	CONTENTS
BIT 7 & BIT 6	TAPE SPEED DISPLAY	BIT 7 / BIT 6 / DISPLAY 0 / 0 / 'SP' MARK DISPLAY 0 / 1 / 'LP' MARK DISPLAY 1 / 0 / 'SLP' MARK DISPLAY 1 / 1 / NO INDICATION
BIT 5 & BIT 4	COUNTER DISPLAY	BIT 5 / BIT 4 / DISPLAY 0 / 0 / TAPE REMAIN TIME DISPLAY 0 / 1 / DEW MODE DISPLAY 1 / 0 / PROGRAME MODE DISPLAY 1 / 1 / LINEAR COUNTER MODE DISPLAY
BIT 3 & BIT 2	(MEMORY/RESET/ SEARCH DISPLAY)	BIT 3 / BIT 2 / DISPLAY 0 / 0 / NO INDICATION 0 / 1 / NO INDICATION 1 / 0 / 'R' MARK DISPLAY 1 / 1 / 'S' MARK DISPLAY
BIT 1 & BIT 0	COUNTER TRANSMISSION DATA	BIT 1 / BIT 0 / DISPLAY 0 / 0 / TAPE REMAIN TIME 0 / 1 / DEW DATA 1 / 0 / PROG. NUMBER DATA 1 / 1 / LINEAR COUNTER DATA

Fig. S4-1 Serial Data No.1 (IC6001->IC7501)

TRANSMISSION NO. 2					
NO	FUNCTION	CODE BIT 7~BIT 0	NO	FUNCTION	CODE BIT 7~BIT 0
1	STOP	00000000	12	TAPE REMAINING	01010101
2	EJECT	00000001	13	AUTO TRACKING ON	10110000
3	REW(REVIEW)	00000010	14	TRACKING UP	10110001
4	FF(CUE)	00000011	15	TRACKING DOWN	10110010
5	STILL/PAUSE	00000110	16	RVS. PLAY	00001011
6	RECORD	00001000	17	INSERT	10110011
7	AUDIO DUBBING	00001001	18	AUDIO SELECT	00110011
8	PLAY	00001010	19	JOG ON	10000000
9	POWER ON/OFF	00111101	20	SERVICE MODE	11111100
10	ZERO STOP	11110101	21	MEMORY	01010011
11	COUNTER RESET	01010100			

Fig. S4-2 Serial Data No.2 (IC7501->IC6001)

<table>
<tr><th>NO. 3
TRANSMISSION</th><th>INFORMATION</th><th>CONTENTS</th></tr>
<tr><td>BIT 7</td><td>ANT OUT</td><td>
<table>
<tr><th>BIT 7</th><th>INFORMATION</th></tr>
<tr><td>0</td><td>TV</td></tr>
<tr><td>1</td><td>VYR</td></tr>
</table>
</td></tr>
<tr><td>BIT 6</td><td>REMOTE CONTROLLER
SELECTION</td><td>
<table>
<tr><th>BIT 6</th><th>INFORMATION</th></tr>
<tr><td>0</td><td>TIMER MODE</td></tr>
<tr><td>1</td><td>SYSTEM CONTROL MODE</td></tr>
</table>
</td></tr>
<tr><td>BIT 5
& BIT 4</td><td>TAPE SPEED
DATA FROM
SP/LP SELECT SW</td><td>
<table>
<tr><th>BIT 5</th><th>BIT 4</th><th>TAPE SPEED DATA</th></tr>
<tr><td>0</td><td>0</td><td>SP</td></tr>
<tr><td>0</td><td>1</td><td>LP</td></tr>
<tr><td>1</td><td>0</td><td>SLP(EP)</td></tr>
<tr><td>1</td><td>1</td><td>NOT USED</td></tr>
</table>
</td></tr>
<tr><td>BIT 3
~
BIT 0</td><td>TIMER
COMMAND
CODE</td><td>
<table>
<tr><th>BIT 3~BIT 0</th><th>COMMAND</th></tr>
<tr><td>0001</td><td>TIMER STAND-BY</td></tr>
<tr><td>0011</td><td>TIMER REC PAUSE</td></tr>
<tr><td>0101</td><td>TIMER REC</td></tr>
<tr><td>0111</td><td>OTR REC</td></tr>
</table>
</td></tr>
</table>

Fig. S4-3 Serial Data No.3 (IC7501->IC6001)

<table>
<tr><th>NO. 5
TRANSMISSION</th><th>INFORMATION</th><th>CONTENTS</th></tr>
<tr><td>BIT 7</td><td>SAFETY TAB
IS ATTACHED
OR NOT</td><td>
<table>
<tr><th>BIT 7</th><th>INFORMATION</th></tr>
<tr><td>0</td><td>YES</td></tr>
<tr><td>1</td><td>NO</td></tr>
</table>
</td></tr>
<tr><td>BIT 6</td><td>CHANNEL
LOCK
(DELAYED REC)</td><td>
<table>
<tr><th>BIT 6</th><th>INFORMATION</th></tr>
<tr><td>0</td><td>NO CHANNEL LOCK</td></tr>
<tr><td>1</td><td>CHANNEL KOCK</td></tr>
</table>
</td></tr>
<tr><td>BIT 5</td><td>EE / VV
DATA</td><td>
<table>
<tr><th>BIT 5</th><th>INFORMATION</th></tr>
<tr><td>0</td><td>EE</td></tr>
<tr><td>1</td><td>VV</td></tr>
</table>
</td></tr>
<tr><td>BIT 4</td><td>PROCESS
FLAG</td><td>
<table>
<tr><th>BIT 4</th><th>INFORMATION</th></tr>
<tr><td>0</td><td>NOT USED</td></tr>
<tr><td>1</td><td>DURING MODE TRANSIT</td></tr>
</table>
</td></tr>
<tr><td>BIT 3
~
BIT 0</td><td>DECK MODE</td><td>
<table>
<tr><th>MODE</th><th>CODE</th><th>MODE</th><th>CODE</th></tr>
<tr><td>STOP</td><td>0000</td><td>PLAY</td><td>1000</td></tr>
<tr><td>EJECT</td><td>0001</td><td>STILL</td><td>1001</td></tr>
<tr><td>REW</td><td>0010</td><td>REC</td><td>1010</td></tr>
<tr><td>FF</td><td>0011</td><td>REC PAUSE</td><td>1011</td></tr>
<tr><td>REV</td><td>0100</td><td>AUDIO DUBBING</td><td>1100</td></tr>
<tr><td>CUE</td><td>0101</td><td>A. DUB PAUSE</td><td>1101</td></tr>
<tr><td>SLOW</td><td>0110</td><td>INSERT</td><td>1110</td></tr>
<tr><td>POWER OFF</td><td>0111</td><td>INSERT PAUSE</td><td>1111</td></tr>
</table>
</td></tr>
</table>

Fig. S4-4 Serial Data No.5 (IC6001->IC7501)

NO. 6 TRANSMISSION	INFORMATION	CONTENTS	
		0	1
BIT 7	FLAG	NORMAL SPEED FLAG	DOUBLE SPEED FLAG
BIT 6	POWER FLAG	POWER OFF	POWER ON
BIT 5	CASSETTE IN/OUT	CASSETTE OUT	CASSETTE IN
BIT 4	NOT USED		
BIT 3	BUZZER	SOUND	NO SOUND
BIT 2	REVERSE PB FLAG	NORMAL PB	REVERSE PB
BIT 1	COMPULSIVE COUNTER DISPLAY	NORMAL DISPLAY	COMPULSIVE COUNTER DISPLAY
BIT 0	SLOW FLAG	DURING MODE TRANSIT TO SLOW MODE	NORMAL PB

Fig. S4-5 Serial Data No.6 (IC6001->IC7501)

NO. 7 TRANSMISSION	INFORMATION
BIT 7~BIT 0	HOUR DISPLAY

Fig. S4-6 Serial Data No.7 (IC6001->IC7501)

NO. 8 TRANSMISSION	INFORMATION
BIT 7~BIT 0	MINUTE DISPLAY

Fig. S4-7 Serial Data No.8 (IC6001->IC7501)

NO. 9 TRANSMISSION	INFORMATION
BIT 7~BIT 0	SECOND DISPLAY

Fig. S4-8 Serial Data No.9 (IC6001->IC7501)

<table>
<tr><td>NO. 10
TRANSMISSION</td><td>INFORMATION</td><td colspan="2">CONTENTS
0 | 1</td></tr>
<tr><td>BIT 7</td><td>COUNTER DISPLAY</td><td>EXCEPT COUNTER DISPLAY</td><td>DURING COUNTER DISPLAY</td></tr>
<tr><td>BIT 6</td><td colspan="3">NOT USED</td></tr>
<tr><td>BIT 5
& BIT 4</td><td>TAPE SELECTION</td><td colspan="2"><table><tr><th>BIT 5</th><th>BIT 4</th><th colspan="2">MODE</th></tr><tr><td></td><td></td><td>NTSC</td><td>PAL</td></tr><tr><td>0</td><td>0</td><td>~T120</td><td>E195</td></tr><tr><td>0</td><td>1</td><td>T140~T180</td><td>E240</td></tr><tr><td>1</td><td>0</td><td>NOT USED</td><td>E260</td></tr><tr><td>1</td><td>1</td><td colspan="2">NOT USED</td></tr></table></td></tr>
<tr><td>BIT 3
& BIT 0</td><td colspan="3">NOT USED</td></tr>
</table>

Fig. S4-9 Serial Data No.10 (IC7501->IC6001)

NO. 11 TRANSMISSION	INFORMATION	CONTENTS 0	CONTENTS 1
BIT 7	TIME SEARCH	ON	OFF
BIT 6	VISS MODE	INDICATION	NO INDICATION
BIT 5	BLANK SEARCH	ON	OFF
BIT 4	INTRO SEARCH	ON	OFF
BIT 3	VISS WRITE	INDICATION	NO INDICATION
BIT 2	VISS ERASE	INDICATION	NO INDICATION
BIT 1	LAP TIME	INDICATION	NO INDICATION
BIT 0	JOG	INDICATION	NO INDICATION

Fig. S4-10 Serial Data No.11 (IC6001->IC7501)

NO. 12 TRANSMISSION	INFORMATION	CONTENTS	
		0	1
BIT 7	SERVICE INFORMATION DISPLAY	INDICATION	NO INDICATION
BIT 6	INSERT AND DUB. DISPLAY	"INSERT" and "DUB" MARK DISPLAY	NO INDICATION
BIT 5 & BIT 4	FRAME NUMBER DISPLAY	LEFT DIGIT OF FRAME NUMBER	
BIT 3 ≀ BIT 0	FRAME NUMBER DISPLAY	RIGHT DIGIT OF FRAME NUMBER	

Fig. S4-11 Serial Data No.12 (IC6001->IC7501)

No. 13 TRANSMISSION	INFORMATION	CONTENTS
BIT 7 ≀ BIT 5	OSD DISPLAY COMMAND	BIT 7 / BIT 6 / BIT 5 / COMMAND 1 / 1 / 1 / NO INDICATION 1 / 0 / -- / TRACKING DISPLAY 0 / 1 / 1 / REC/PAUSE, TIME DISPLAY 0 / 0 / 1 / TAPE REMAINING DISPLAY 0 / 0 / 0 / NO INDICATION 1 / 1 / 0 / OSD DISPLAY INHIBITION
BIT 4 ≀ BIT 0	DISPLAY MODE DATA	DISPLAY DATA FROM MODE

Fig. S4-12 Serial Data No.13 (IC6001->IC7501)

TRANSMISSION No. 14					
No	FUNCTION	CODE BIT 7 → BIT 0	No	FUNCTION	CODE BIT 7 → BIT 0
1	JOG ON	10000000	11	x - 1	10000100
2	NO OPERATION	11111111	12	x 1	10000101
3	FORWARD SLOW	00001100	13	REV 1	10000110
4	REVERSE SLOW	00001101	14	CUE 1	10000111
5	x - 1/30	10010110	15	REV 2	10001000
6	x 1/30	10010111	16	CUE 2	10001001
7	x - 1/10	10011000	17	REV 3	10001100
8	x 1/10	10011001	18	CUE 3	10001101
9	x - 1/5(SHUTTLE)	10000001	19	x - 1/5(JOG)	10001010
10	x 1/5(SHUTTLE)	10000011	20	x 1/5(JOG)	10001011

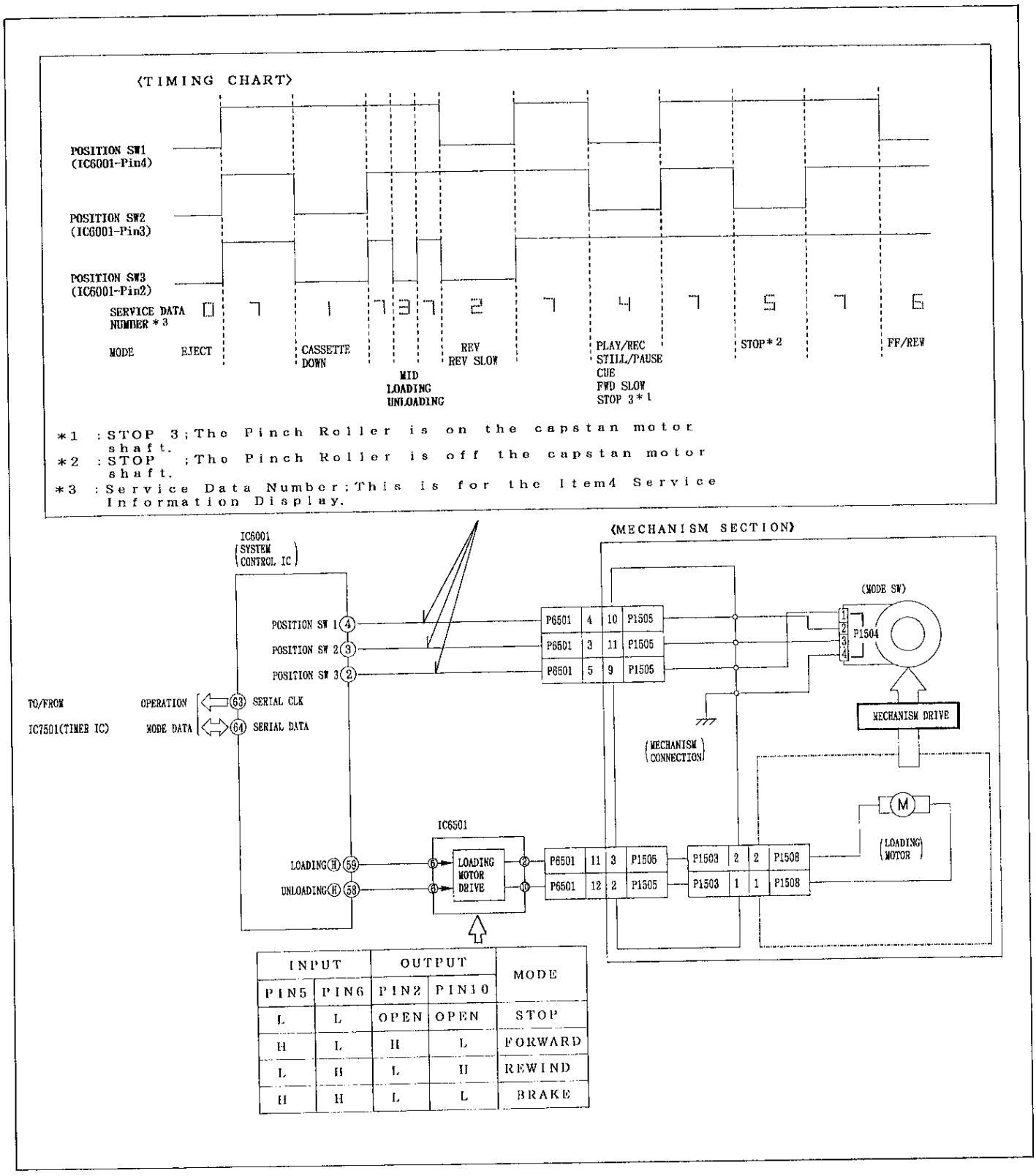
Fig. S4-13 Serial Data No.14 (IC7501-->IC6001)

2-2. Mechanism Control Circuit

All mechanism movement except the reel rotation is driven by the loading motor. The microprocessor IC6001 controls the mechanism by controlling the loading motor. The Mode SW sends mechanism position information to the IC6001.

< Example of Mechanism Control in FF Mode >

(1) When pressing FF mode button, the command data is transmitted from IC7501 (TIMER IC) to IC6001 to drive the loading motor.
(2) The loading motor drives the mechanism components to the FF mode position.
(3) The Mode SW sends the mechanism position information.
(POSITION SW 1 : POSITION SW 2 : POSITION SW 3 : = L : H : H) to IC6001.



INPUT		OUTPUT		MODE
PIN5	PIN6	PIN2	PIN10	
L	L	OPEN	OPEN	STOP
H	L	H	L	FORWARD
L	H	L	H	REWIND
H	H	L	L	BRAKE

Fig. S5 Mechanism Control Circuit

2-2-1. Cassette-Insert Detection

The cassette up/down position is detected by the take-up photo transistor Q1501. When the cassette tape is inserted into the cassette carriage, the light from Sensor LED D1501 to Q1501 is cut by the right side of cassette. Then, the cassette tape goes to the cassette down position.

2-3. Safety Circuit

The microprocessor IC6001 detects conditions that might cause damage to the tape or mechanism. When such a condition is detected, the IC6001 will prevent further operation.

2-3-1. Cylinder Lock

The IC6001 uses the head switching signal produced from FG/PG signals (IC6001-Pin43 Input) to sense cylinder lock. If the head switching signal is not received due to cylinder lock during the recording or playback, the microprocessor IC6001 places the VCR in the Stop mode. During the timer recording, it turns the VCR power Off.

2-3-2. Loading & Unloading Mechanism Lock

The mechanism lock is determined by the IC6001 not not receiving the correct mechanism position information from the mode switch. If the mechanism locks during the loading operation, the tape is unloaded and the cassette is ejected. If the mechanism locks during the unloading operation, the power is turned Off.

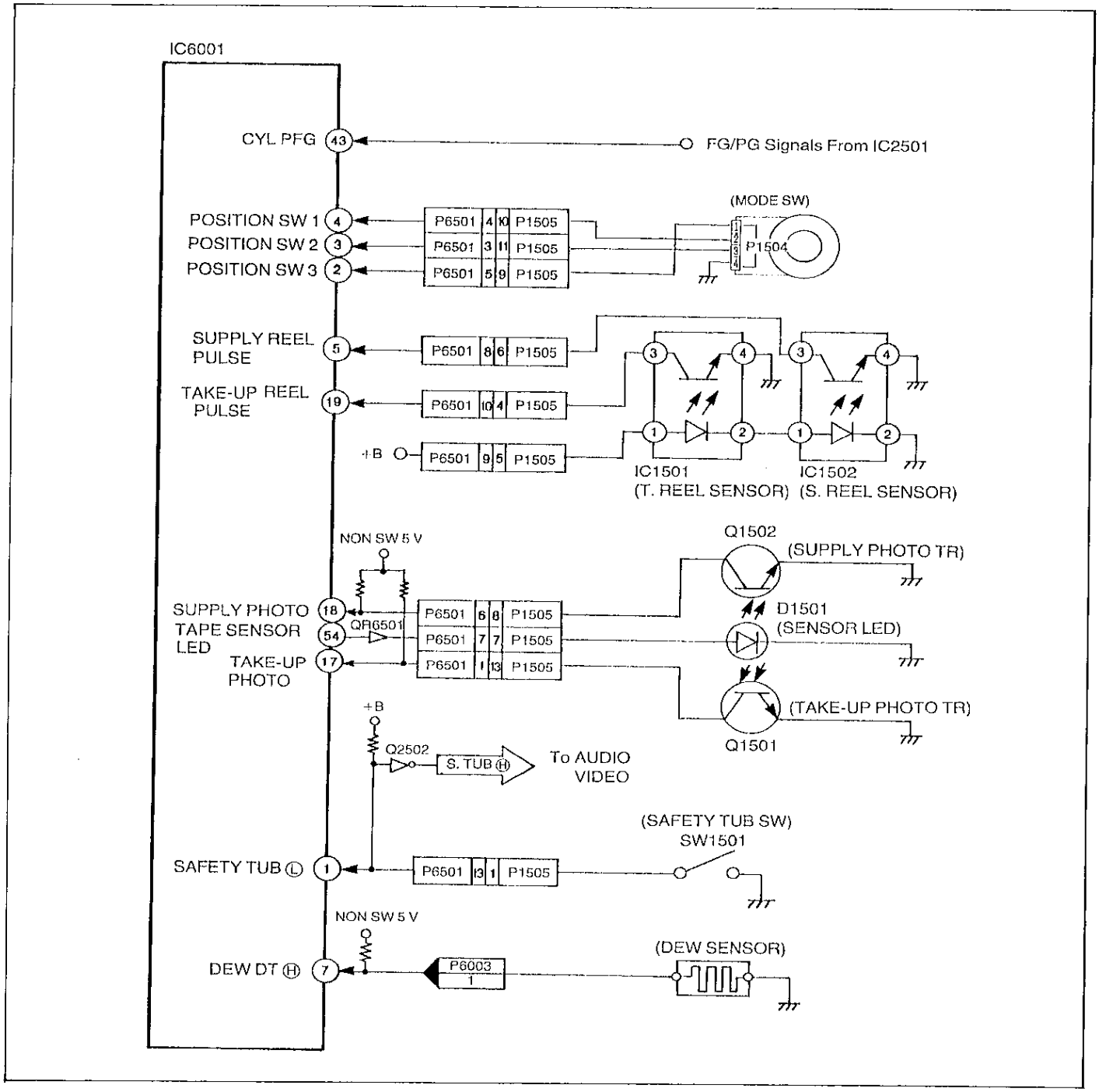


Fig. S6 Safety Circuit

2-3-3. Cassette Loading & Unloading Lock

(1) If the mechanism locks during the cassette-in operation, the cassette is ejected.
(2) If the mechanism locks during the cassette eject operation the mechanism performs the cassette-in operation and retries the cassette eject operation. If the mechanism locks again the power is turned Off.

2-3-4. Reel Sensor

The reel sensor (IC6001-Pin(5),(19)) detects a pulse generated by the Supply and Take-up reels to determine if reels are rotating. If the reel rotation is not smooth, the microprocessor places the VCR in the Stop mode to prevent tape damage.

2-3-5. Supply and Take-up Sensors

Supply and take-up photo transistors are used to sense the beginning and end of a tape. The tape has transparent leaders at the beginning and end. When these transparent leaders enter the tape transport path, they allow infrared light from the sensor LED to reach either one of the tape end sensors (photo-transistor). If the take-up end sensor detects the light, the microprocessor IC6001 places the VCR in the Stop mode and then performs a short cue. If the supply end sensor is triggered, the microprocessor activates the Stop mode and the Rewind mode. The Rewind mode continues until the take-up end sensor detects the end of the tape. The tape beginning is detected by a low signal at IC6001 pin(17). The tape end is detected by a low signal at IC6001 pin(18). If light is received at both sensors at same time the cassette is ejected.

2-3-6. Safety Tab Switch

A recorded video cassette can be protected against accidental erasure by breaking off the tab on the cassette. The cassette can now only be used for playback. To be able to record on the cassette, cover the hole with adhesive tape. If the safety tab on the cassette has been removed, the Safety Tab Switch is off(open) and a high signal is supplied to pin 1 of IC6001. The IC6001 will not go into the Recording mode and automatically places the VCR in the Playback mode.

2-3-7. Dew Sensor

If excessive moisture or condensation is present inside the machine (an internal humidity of more than 98%) the unit will stop if running. Until the moisture level decreases only the Eject mode will operate. To sense the humidity, a dew sensor is used. The sensor is a special variable resistor which changes resistance with ambient humidity. The sensor ranges in resistance from about 5k ohm at 90% humidity to about 50k ohm at 98% humidity. Normally, the voltage across the sensor is low because of its low resistance. But if moisture condenses inside the unit, the voltage of pin7 of IC6001 increases to indicate a Dew condition.

2-4. Special Features and Controls

2-4-1. STOP 3 Specifications

a) The STOP 3 is the playback standby mode.
b) The unit is put into the STOP 3 position after tape loading if the cassette tape does not have a clear loader tape.
c) If the unit is in the STOP 3 position when the power is switched off (including the timer a standby mode), the unit goes to the STOP position.
d) If a cassette is in the unit when the power is turned on, the unit goes to the STOP 3 position.

2-4-2. Standby in the STOP 3 Position

a) The unit goes to the STOP 3 position if the STOP mode is selected during the PLAY or REC operations. The unit then loosens the tape tension by performing the Reverse Still Advance. The Reverse Still Advance corresponds to the FG 40 pulses of the capstan (irrespective of SP/EP modes). The cylinder continues to rotate.
b) After about 10 minutes in the STOP 3 mode, the unit shifts to the STOP position and the cylinder continues rotating.
c) After another 10 minutes, the unit stops the cylinder rotation.

2-4-3. Remaining Tape Time Calculation in FF/REW mode

a) If the calculation of the remaining tape time is not completed before the FF or REW operation starts, the unit runs the tape by the CUE or REV operation to calculate the remain tape time.

2-4-4. CUE/REV Search

Operation on the unit control panel.
a) If the SHUTTLE Ring is rotated and released in less than 0.7sec during the playback mode (while playback picture appears), the unit is put into the CUE/REV lock mode. If the SHUTTLE Ring is kept rotated longer than 0.7sec., the unit will return to the PLAY mode when the SHUTTLE Ring is released.

2-4-5. FR (Forward/Reverse) Search

Operation on the unit control panel.
a) If the SHUTTLE Ring is kept rotated during FF or REW, the unit is put into the CUE or REV mode.
b) When the SHUTTLE Ring is released, the unit returns to the FF or REW mode.

(Operation with the Remote Controller)
a) If the FF or REW Key is kept depressed during FF or REW, the unit is put into the CUE or REV mode.
b) When the FF or REW Key is released, the unit turns to the FF or REW mode.

2-4-6. Input/Output Chart for IC6001
(Part No.: MN67434VRRV / MN67434VRSA)

<table>
<tr><th>Pin Number</th><th>Input/Output</th><th>Port Name</th><th>Function</th></tr>
<tr><td>1</td><td>I</td><td>SAFETY-TAB</td><td>When inserting the cassette tape with safety tab, this port is low. When there is no safety tab, this port is high to prevent recording.</td></tr>
<tr><td>2
3
4</td><td>I
I
I</td><td>POSITION SW 3
POSITION SW 2
POSITION SW 1</td><td>
<table>
<tr><th>P.SW 3</th><th>P.SW 2</th><th>P.SW 1</th><th>Position (Mode) Name</th></tr>
<tr><td>0</td><td>0</td><td>0</td><td>EJECT</td></tr>
<tr><td>0</td><td>0</td><td>1</td><td>CASSETTE DOWN</td></tr>
<tr><td>0</td><td>1</td><td>0</td><td>REV, REV SLOW</td></tr>
<tr><td>0</td><td>1</td><td>1</td><td>MID(LOADING / UNLOADING)</td></tr>
<tr><td>1</td><td>0</td><td>0</td><td>PLAY/REC, STILL/PAUSE, CUE, FWD SLOW STOP3*1</td></tr>
<tr><td>1</td><td>0</td><td>1</td><td>STOP</td></tr>
<tr><td>1</td><td>1</td><td>0</td><td>FF / REW</td></tr>
<tr><td>1</td><td>1</td><td>1</td><td>INTERMEDIATE</td></tr>
</table>
(*1) The Pinch Roller is on the capstan motor shaft.
</td></tr>
<tr><td>5</td><td>I</td><td>SUPPLY REEL PULSE</td><td>Sepply Reel Pulse Input
(For detecting tape remaining)</td></tr>
<tr><td>6</td><td>I</td><td>NORMAL/SERVICE /TEST</td><td>Service Mode Setting
Normal Mode : High
Service Mode : Middle
Test Mode : Low</td></tr>
<tr><td>7</td><td>I</td><td>DEW</td><td>When Dew is detected, this port is middle.
Normally, this port is low.</td></tr>
<tr><td>8</td><td>I</td><td>TEST</td><td>Not used (Low setting)</td></tr>
<tr><td>9</td><td>I</td><td>ENVELOPE SELECT</td><td>The playback envelope video signal level is detected at this input to select the video head in the special special playback modes.</td></tr>
<tr><td>10</td><td>O</td><td>ROTARY SW</td><td>This signal is supplied to the chrominance circuit to perform the phase rotation.</td></tr>
<tr><td>12</td><td>O</td><td>HEAD AMP SWITCH</td><td>This signal is supplied to the head amp circuit to switch the video head, SP or LP.</td></tr>
<tr><td>14</td><td>O</td><td>ARTIFICIAL V / H / N</td><td>Artificial Vortical Sync Signal is supplied to video circuit to stabilize the picture in the special playback modes.</td></tr>
<tr><td>17</td><td>I</td><td>TAKE-UP PHOTO</td><td>Take-up Side Photo Sensor Input
(For detecting tape beginning)</td></tr>
<tr><td>18</td><td>I</td><td>SUPPLY PHOTO</td><td>Supply Side Photo Sensor Input (For detecting tape end.)</td></tr>
</table>

Pin Number	Input/Output	Port Name	Function
19	I	TAKE-UP REEL	Take-up Reel Pulse Input (For detecting tape remaining and reel (Cap.)lock.)
20	O	SP / LP	Tape Speed Output SP : Low LP : High
47	O	VTR(H)	VTR / TV Switch Output VTR : High TV : Low
48	O	SP(H)	Tape Mode Output SP : High LP : Low
54	O	SENSOR LED ON (L)	When turning on the Sensor LED, this port is low. 1) STOP Mode : No lit. 2) FF, REW, CUE, REV Modes : DC is lit. 3) EJECT Mode : Pulse blinking. (Cycle:320[msec])
55	O	VOLTAGE CHANGE (H)	When increasing the drive torgue of loading motor to perform the FF/REW mode, this port is low.
58	O	UNLOADING (H)	When unloading, this port is high.
59	O	LOADING (H)	When loading, this port is high.
63	O	SERIAL CLOCK	Serial Clock Output
64	I/O	SERIAL DATA	Serial Data In/Out
66	O	DELAYED REC(H)	When the video goes to the recording mode after a delay from the video recording command, this port is high.
67	O	DELAYED AUDIO REC (H)	When the audio goes to the recording mode after a delay from the audio recording command, this port is high.
68	O	FULL ERASE (H)	When the video goes to the recording mode, this port is high.
69	O	REC (H)	When the video goes to the recording mode, this port is high.
70	O	NTSC (L)	System Output NTSC : Low PAL : High
71	O	AUDIO MUTE (H)	When the audio goes to the mute mode, this is high.
72	O	CAPSTAN REVERSE (H)	When the capstan motor rotates in reverse, this is high.
73	O	AUDIO EE (H)	When the audio goes to the EE mode, this is high.

Pin Number	Input/Output	Port Name	Function
75	O	CURRENT EMPHASIS (H)	When the servo goes to the edit mode, this is high.
76	O	FF/REW (L)	When the servo goes to the FF/REW mode, this is low.
78	O	VIDEO EE (L)	When the video goes to the EE mode, this is low.
79	O	TRICK (L)	When the video goes to the special playback (CUE, REV, SLOW, STILL) mode, this is low.
80	O	POWER OFF (H)	Power ON/OFF Control is low when the power switch is turned on.
84	I	RESET (L)	When reseting the IC6001, this port is low.

2-5. Mechanical Mode Operation

Refer to Item 2-2. Mechanism control circuit.

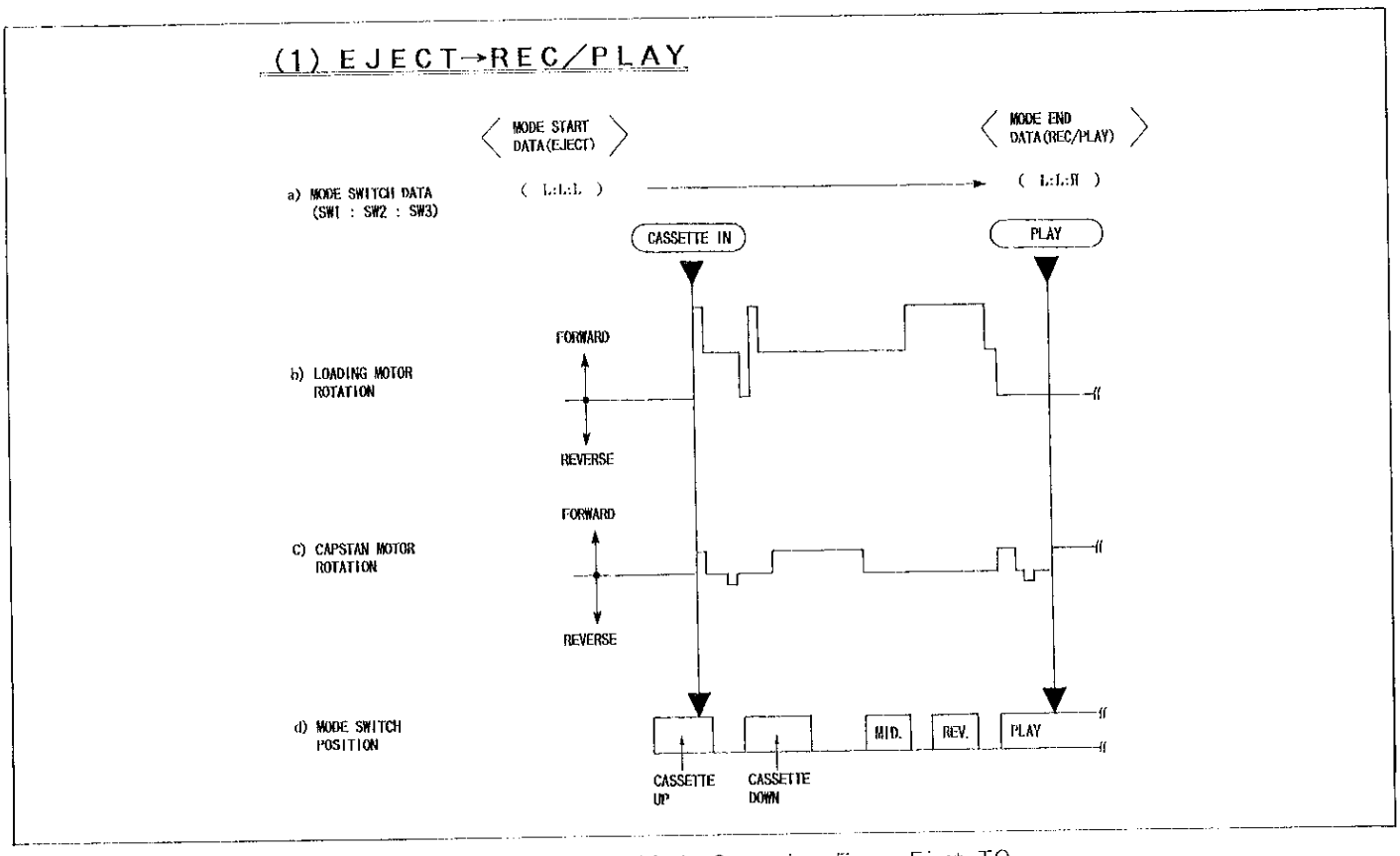


Fig. S7 Mechanical Mode Operation From Eject TO REC/PLAY

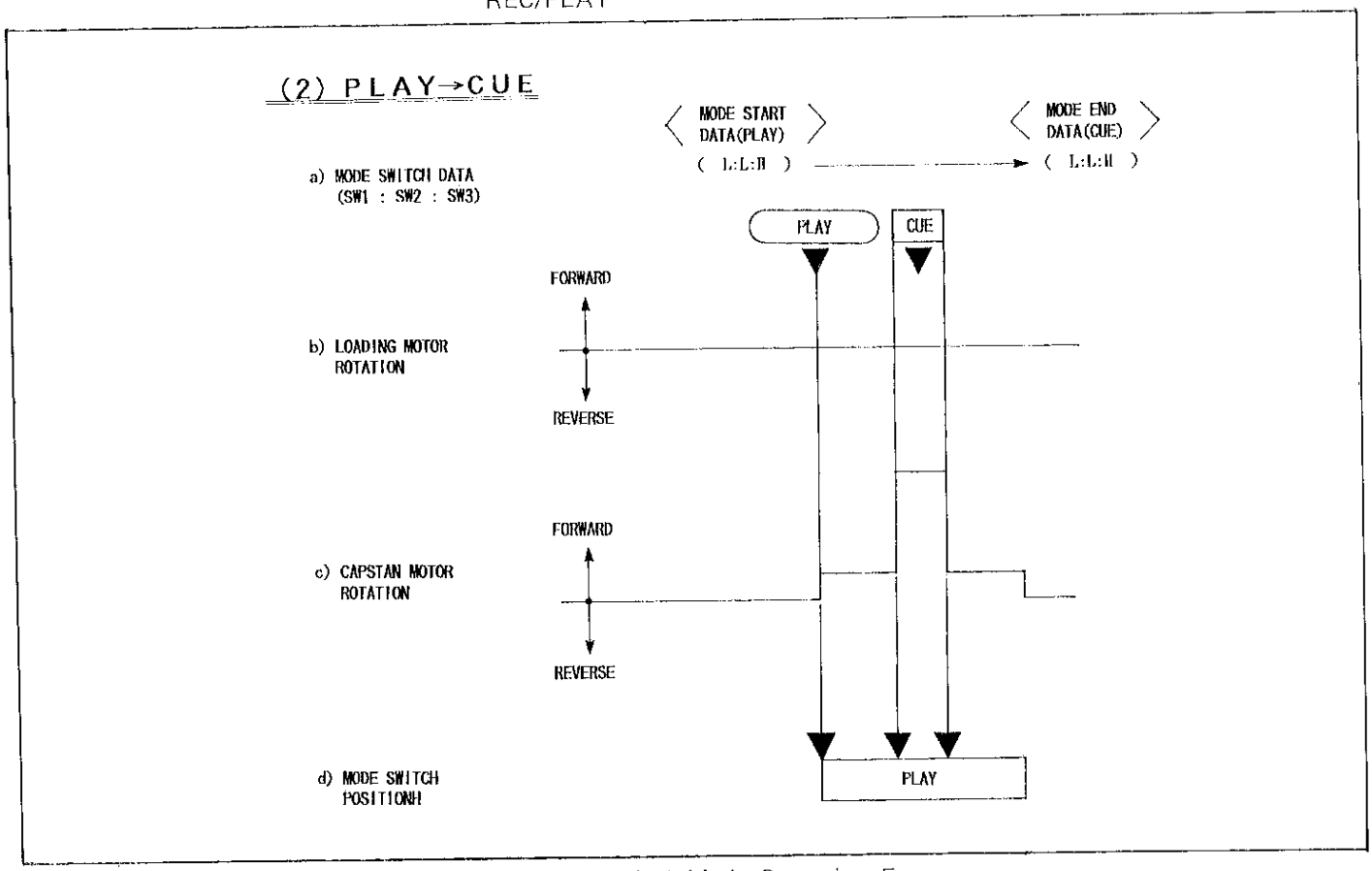


Fig. S8 Mechanical Mode Operation From PLAY TO CUE

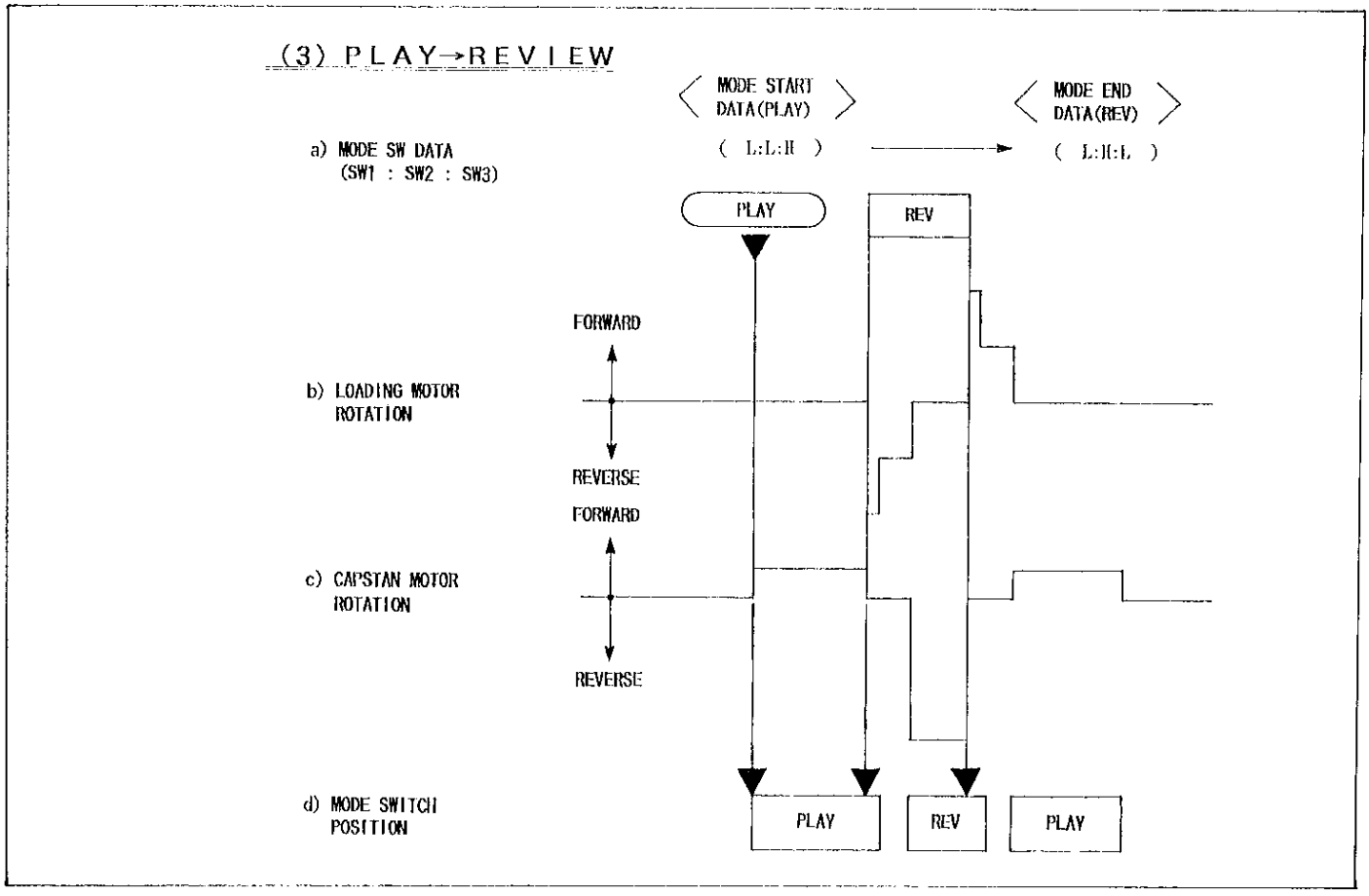


Fig. S9 Mechanical Mode Operation From PLAY TO REVIEW

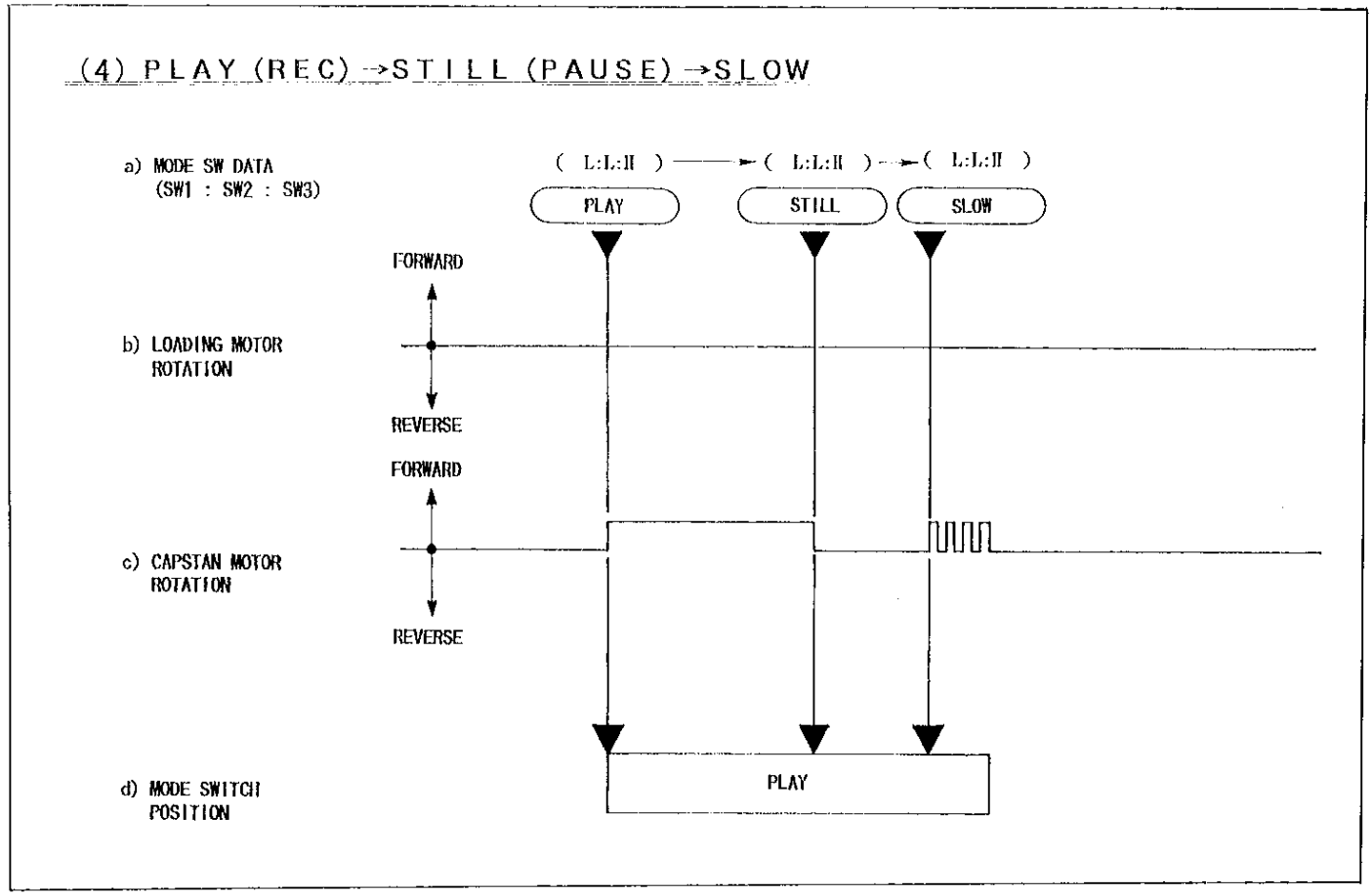


Fig. S10 Mechanical Mode Operation From PLAY TO SLOW

(5) PLAY→STOP 3→STOP

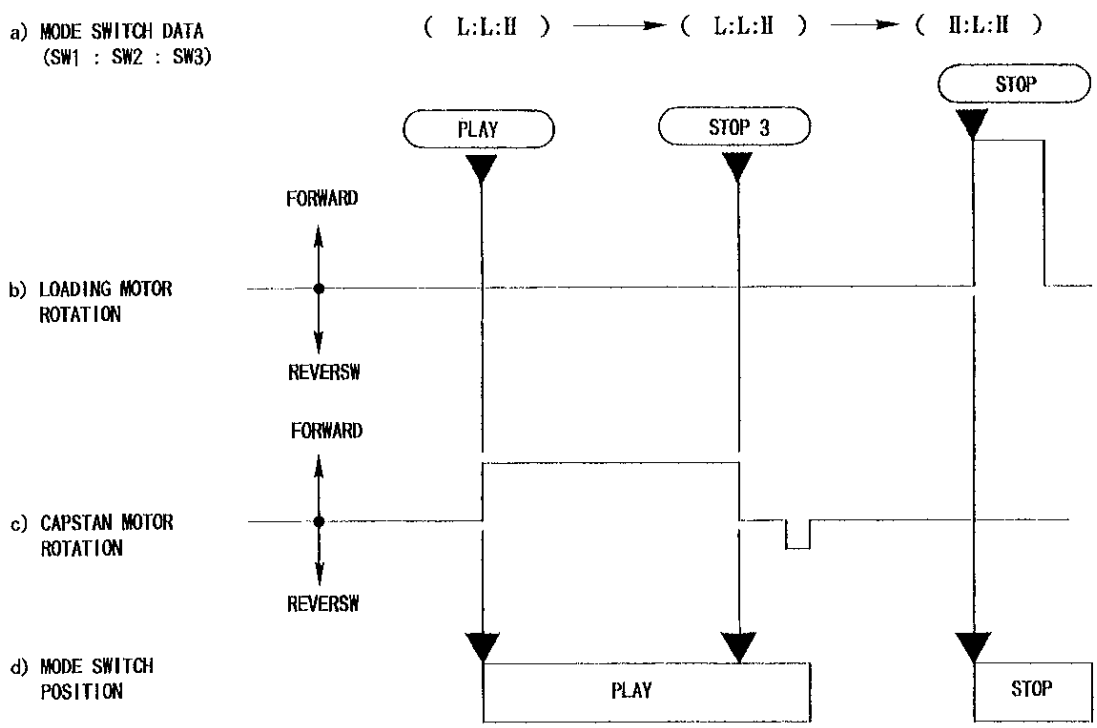


Fig. S11 Mechanical Mode Operation From PLAY TO STOP

(6) PLAY→STOP 3→FF

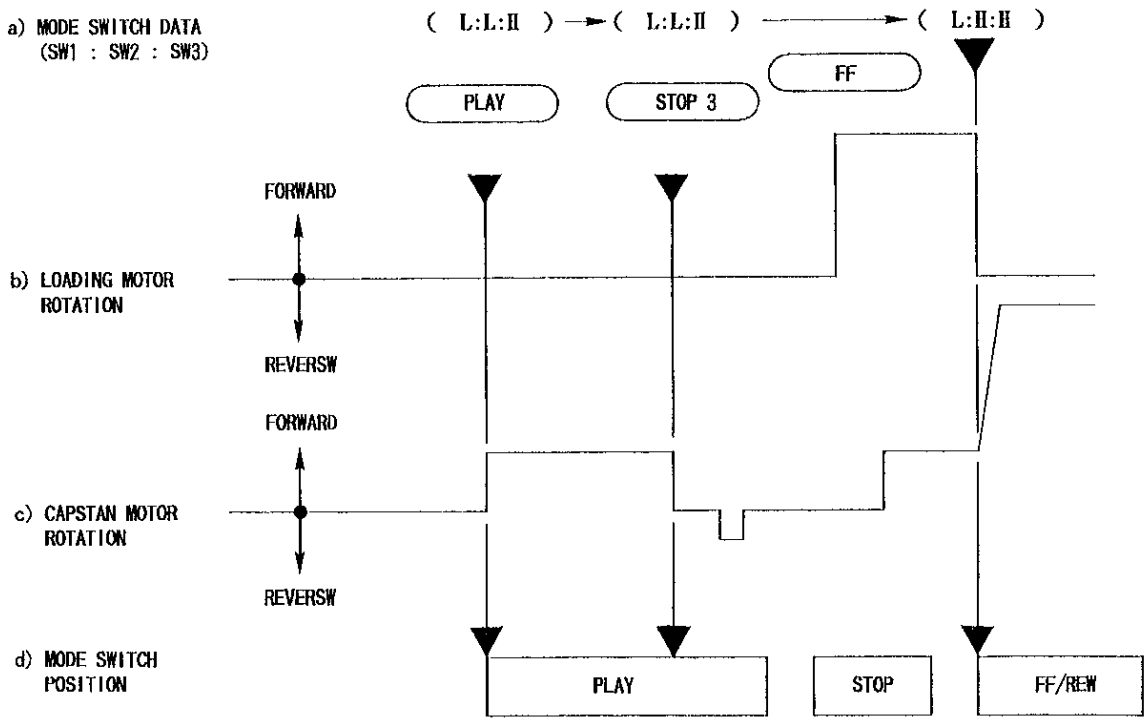


Fig. S12 Mechanical Mode Operation From PLAY TO FF

3. Serial Data/Clock Transmission Error Display

If the Serial Data/Clock is not transmitted from IC6001 to IC7501, "E9" is displayed as shown in Fig.T1. This indication will be displayed either during the Service Information Display mode or in normal mode.

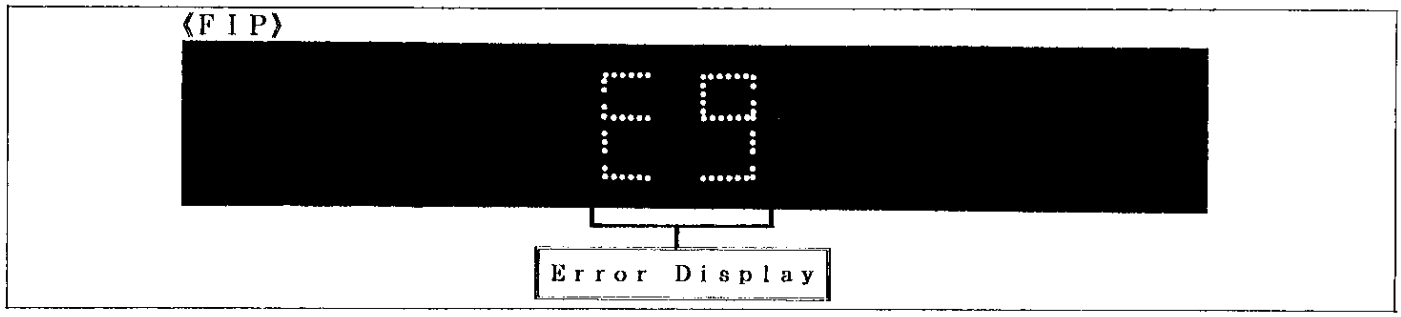


Fig. T1 Serial Data/Clock Transmission Error Display

4. Service Information Display

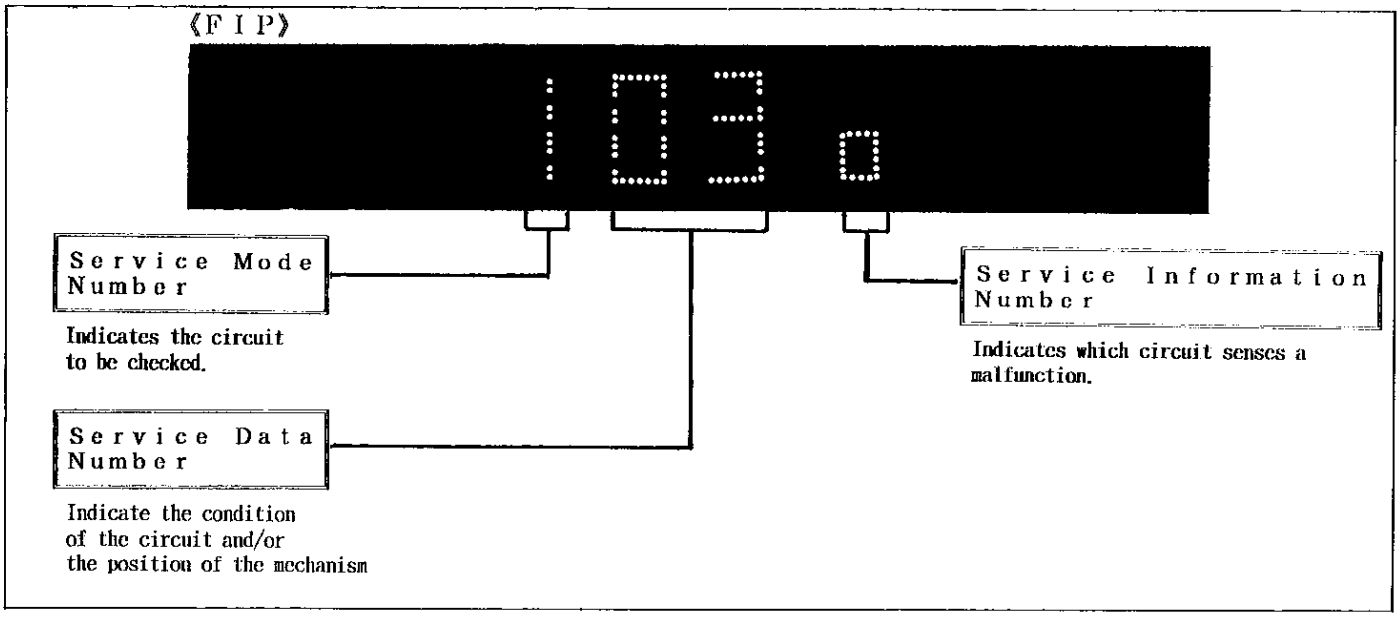

《F I P》
1 0 3 0
Service Mode Number
Indicates the circuit to be checked.
Service Data Number
Indicate the condition of the circuit and/or the position of the mechanism
Service Information Number
Indicates which circuit senses a malfunction.

Fig. D1 Service Information Display

4–1. Purpose of Service Information Display

This information aids trouble shooting by indicating the source of the malfunction. The service mode number & service data number are used by the technician during repair while the service information can be used by the consumer to diagnose malfunctions allowing the technician to provide a more accurate repair cost estimate and reduce repair time.

4–2. Turning on Service Information Display

There are two ways to turn on the Service Information Display.

(1) Turn the Shuttle Ring to FF then push the Eject button. The Service Information will be displayed for 1 minute.
(2) Connecting a jumper wire between TPSERV and TPGND will display the service information indefinitely.

In the Service Information Display, there are four digits divided into 3 functions.
The first digit indicates which other 6 service modes that the unit is Currently in.

MODE 1 : Check tape protection circuit
MODE 2 : Check tape transport mechanism
MODE 3 : Check mode switching operation
MODE 4 : Check control buttons
MODE 5 : Check capstan motor
MODE 6 : Check cylinder motor

The second and third digits are service data which indicate the condition of the circuit or mechanism being checked.

The fourth digit is the service Information display. It is to be used by the consumer to help determine the source of a malfunction. The service information display operates independently of the service modes and stores the fault indication in memory for as long as AC power is supplied.

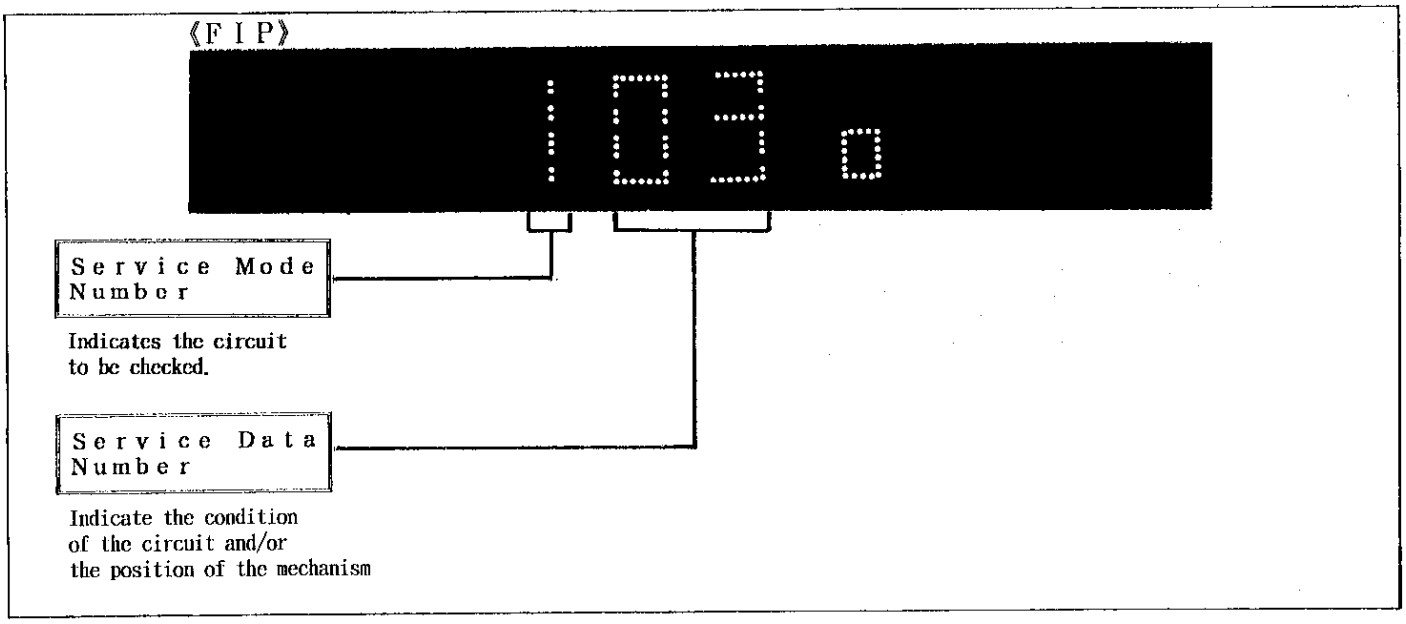

《F I P》
Service Mode Number
Indicates the circuit to be checked.
Service Data Number
Indicate the condition of the circuit and/or the position of the mechanism

Fig. D2 Service Mode Number and Service Data Number on S.I.D.

(1) Turn on Service Information Display.
(2) To change Service Modes turn the shuttle ring to FF then push the Eject button.
(3) Mode 1 : Checks that the Sensor LED, Supply & Take-up Sensor circuits check the circuits by blocking the light from the Sensor LED to either or both Supply & Take-up Sensors.
When the light is blocked to both sensors, "00" should be indicated on the service data number.
When the light is blocked to the supply sensor, "01" should be indicated.
(4) Mode 2 : Checks the mode switch circuit while indicating mechanism position.
Service Data Numbers indicate the position of the mode switch and there by the mechanism position.
(5) Mode 3 : Checks that mode switch circuit operations have been completed.
Service Data Number should indicate "00" after each mechanism operation is completed.
(6) Mode 4 : Checks the operation circuit.
Indicates if IC6001 receives the operating commands from the mode buttons and/or remote controller.
(7) Mode 5 : Checks the capstan motor circuit.
Indicates if the IC6001 has received the command to rotate the capstan motor.
(8) Mode 6 : Checks the cylinder motor circuit.
IC6001 has received the command to rotate the cylinder motor.

<NOTE>
Refer to Fig.D5 for details of Service Data Number.'

4-4. Service Information Number

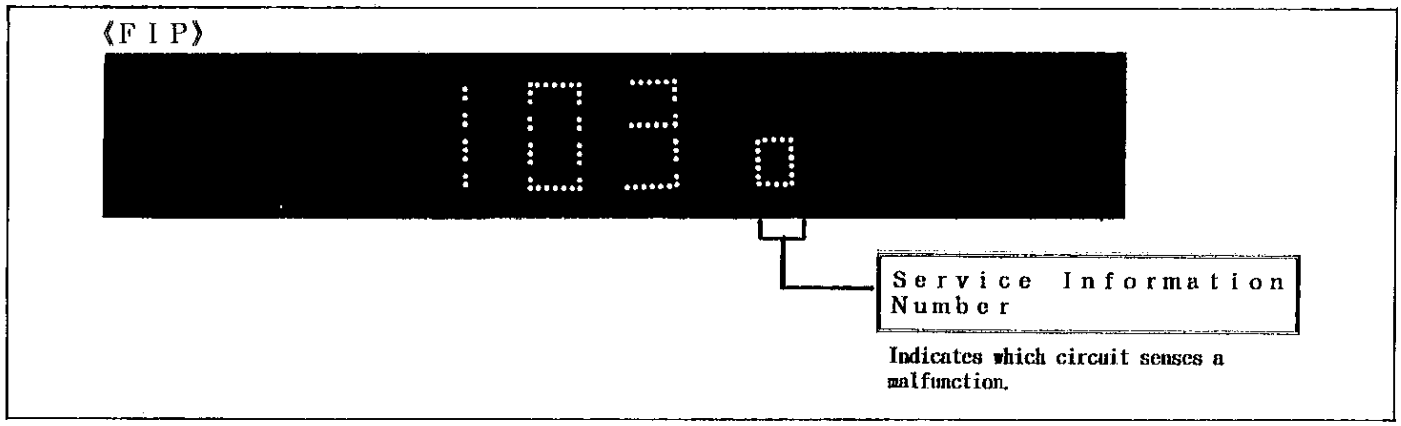


Fig. D3 Service Information Number on S.I.D.

Refer to Fig.D4 for details of Service Information Number.

Note:

The Service Information Number display is independent of the service mode display.
The Service Information Number will be stored as long as AC power is supplied.
If a second error occurs, the most current error will be displayed.

Service Information Number	Malfunction
0	Normal (No problem)
1	Cylinder stop
2	Tape reel stop
3	Stop at position other than 4 or 6
4	Stop during unloading
5	Falty capstan rotation
6	Stop during Cassette-In/Eject operation

Fig. D4 Service Information

Service mode Number	Note for checking Service Data Numbers	Service Data Numbers	Indication	Remarks
1	———	00	No light detected at either sensor	Tape not required
		01	Tape Begining. Light to Supply Photo Sensor is blocked.	
		02	**Tape End.** **Light to Take-up Photo Sensor is blocked.**	
		03	Light detected at both sensors.	
2	———	00	EJECT	Tape Reuired *1 : STOP3 ; The Pinch Roller is on the capstan motor shaft. *2 : STOP ; The Pinch Roller is off the capstan motor shaft. Refer to Fig. D7 to Check mechanism Position and timing.
		01	Cassette-down	
		02	REV, REV SLOW	
		03	Loading/Unloading	
		04	PLAY/REC, STILL/PAUSE, CUE, FWD SLOW, STOP3 *1	
		05	STOP*2	
		06	FF/REW	
		07	Intermediate position	
3	Disregard service data displayed until mechanism operation is completed. Then the display should indicate "00".	00	Any display other than "00" indicates a fault in the mode switch circuit or system.	Tape Required.
4	Display only when the operating button is pressed.	Refer to Fig. D6		Tape not required.
5	Left digit only, disregard Right digit display.	Left Digit / Right Digit: 01	8, 9, u, A, -, n, L, and no display indicate that the Capstan motor "PLAY" command recived by IC6001.	Tape required. If a symbol other than those listed is displayed, a malfunction in that circuit is indicated.
	Right digit only, disregard left digit display.	Left Digit / Right Digit: 07	1, 2, 3, 4, 5, 6, 7, indicate that the Capstan motor CUE, FF, Forward slow" commands received by IC6001.	
	Right digit only, disregard left digit display.	Left Digit / Right Digit: 08	8, 9, u, A, -, n, L, and no display indicate that the Capstan motor Reverse, Rew, Reverse Slow commands received by IC6001.	
6	Left digit only, disregard Right digit display.	Left Digit / Right Digit: 10	1, 3, 5, 7, 9, A, n and no display indicate that the cylinder motor "ON" command received by IC6001.	Tape required. If a symbol other than those listed is displayed, a malfunction in that circuit is indicated.

Fig. D5 Service Data Display and Indication

SERVICE DATA NUMBERS	MODE BUTTONS	SERVICE DATA NUMBERS	MODE BUTTONS
3	OPERATE	54	RESET
01	EJECT	5	ZERO STOP
09	AUDIO DUB	-0	INPUT SELECT
A3	INSERT	49,4U	INDEX
-9	PAL/MESECAM	A1,A2	TRACKING(+,-)/V-LOCK
—	CHECK/PROG.	9	REPEAT
34 OR 35	∧∨, +−	8	SKIP
—	NEXT/SP/LP	—	TAPE SELECT
—	SLEEP/SHIFT	—	PROG.
A4	TIMER REC	—	NEXT
08	REC	—	RECORDING SP/LP
—	CLOCK SET	—	CANCEL
—	TUNER PRESET	10	SU(1)
80	PAUSE/STILL	11	MO(2)
0U	PLAY	12	TU(3)
00	STOP	13	WE(4)
0-,0	JOG DIAL (FRAME ADV, REVERSE ADV)	14	TH(5)
03,02	SHUTTLE RING (FF, REW)	15	FR(6)
—	TV/VTR	16	SA(7)
—	SCANNER ON/OFF	17	SU~SA(8)
—	TRANSMIT	18	MO~SA(9)
0	SEARCH	19	MO~FR(0)
AL	+ (REMOTE CONTROLLER)	3A	-/--
8	- (REMOTE CONTROLLER)		
—	DISPLAY		

Fig. D6 Service Data Display for Service mode 4

4-5. Timing Chart from Mode SW to System control IC6001

System control IC6001 senses the mechanism position though the Mode SW.
Fig.D7 shows the timing for Service Mode Number 2.

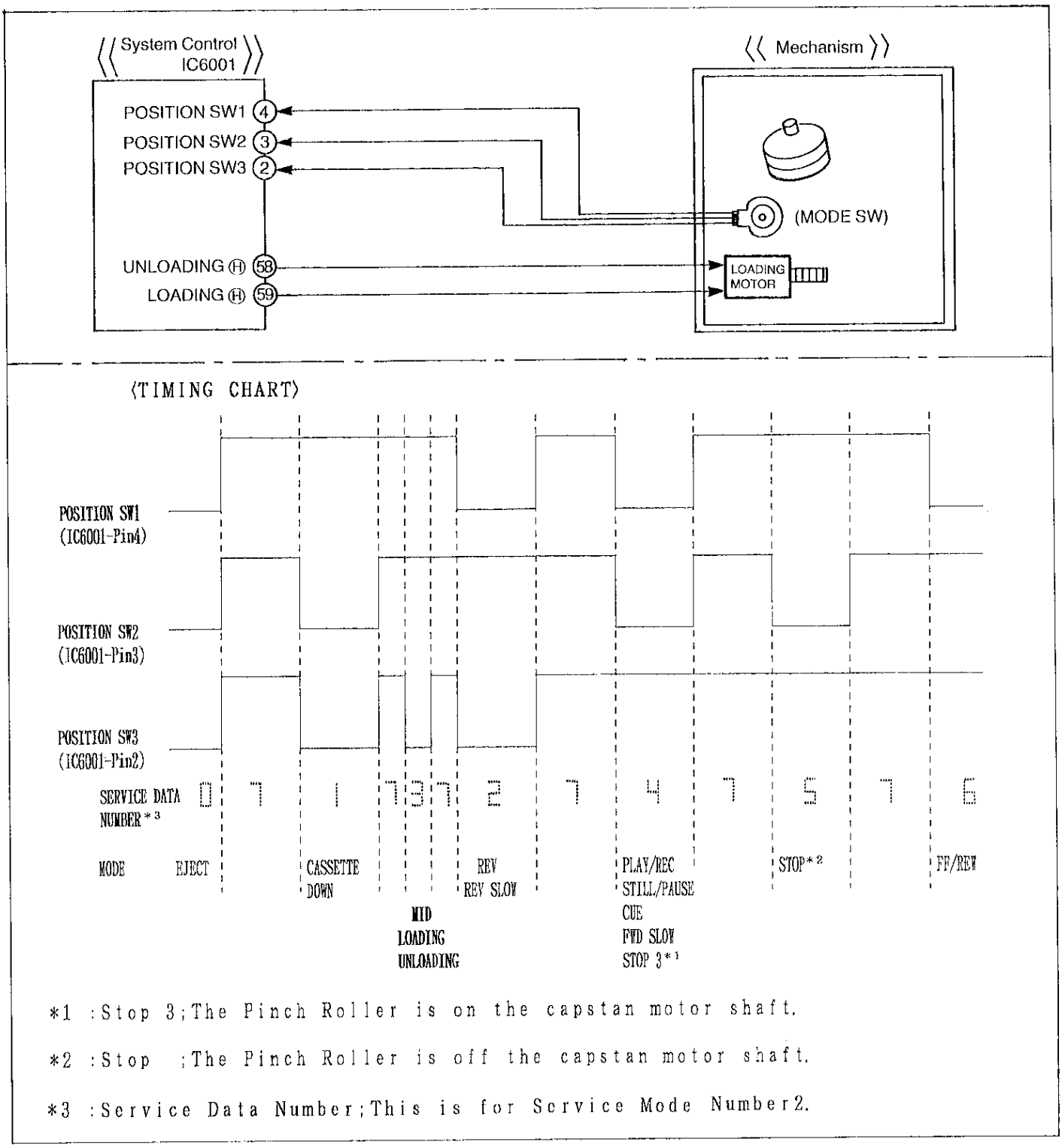


Fig. D7 Timing Chart of Mode SW

5. Parts Access Flow chart.
This chart shows the parts nessessary to gain acess to other parts.

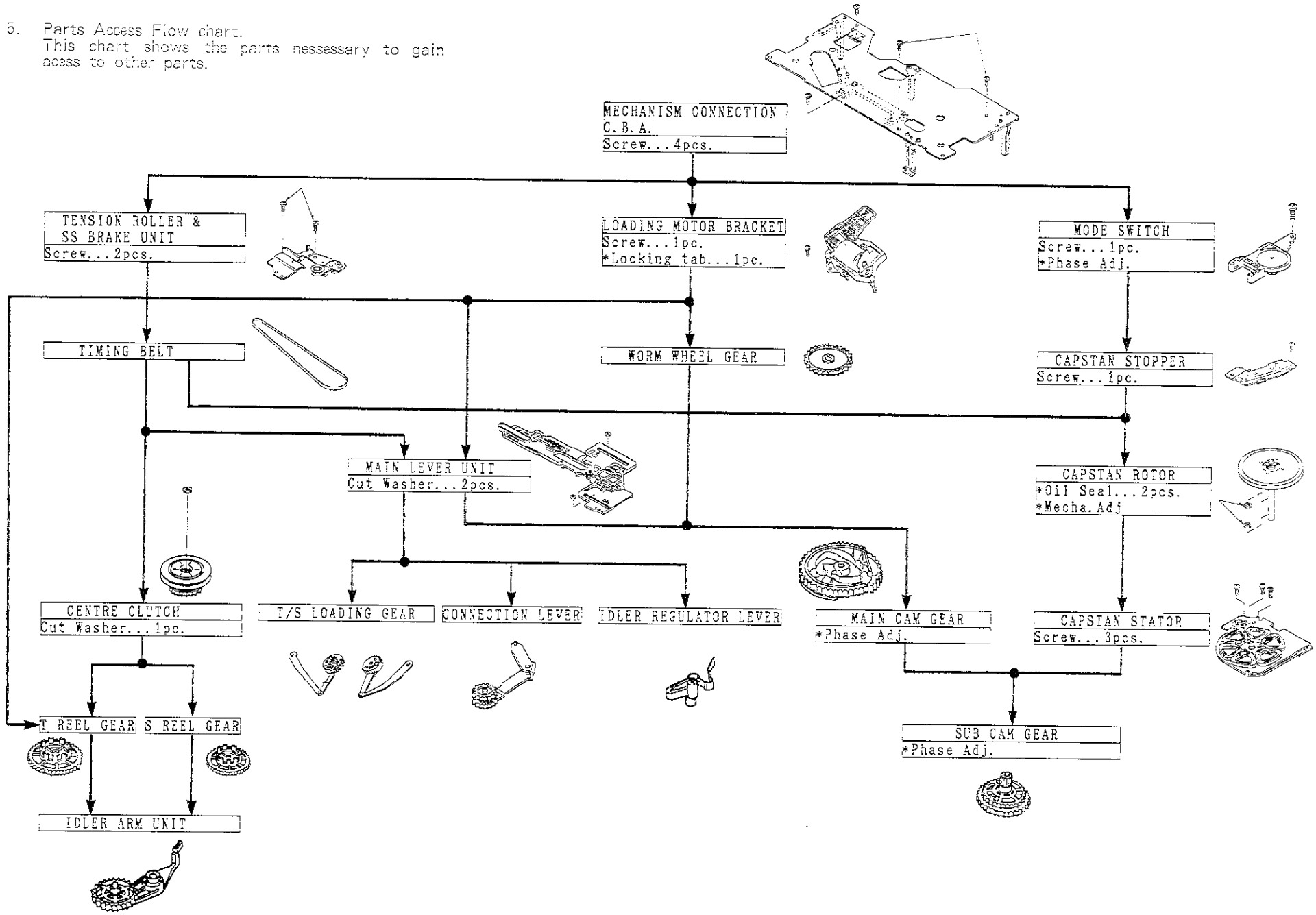
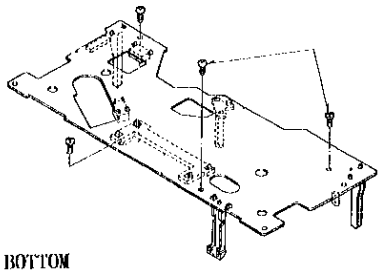
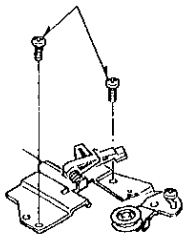
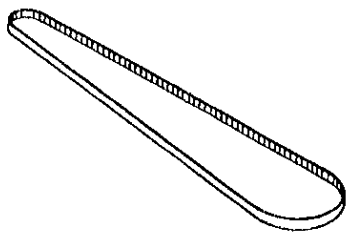
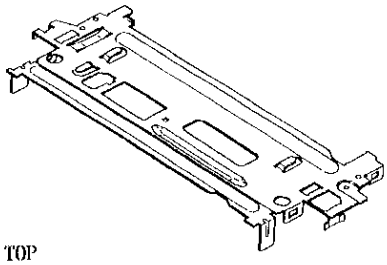
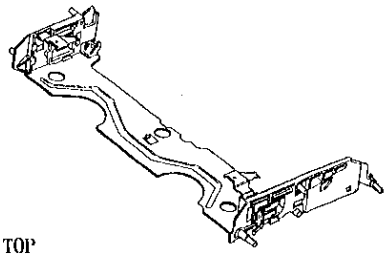
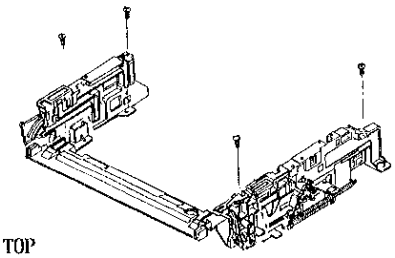
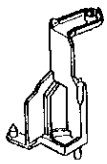
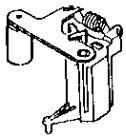
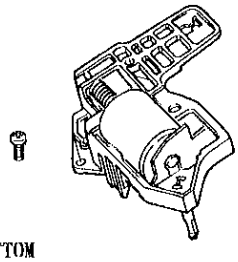
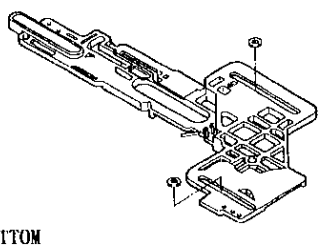
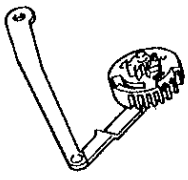
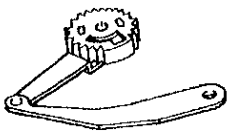
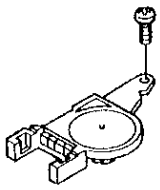
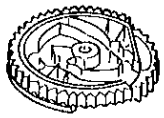
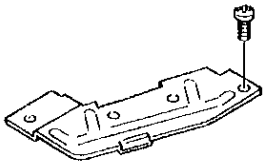
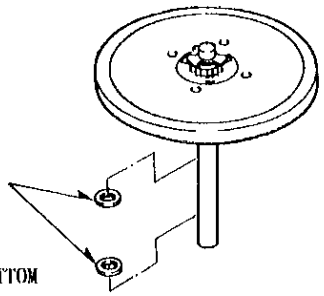
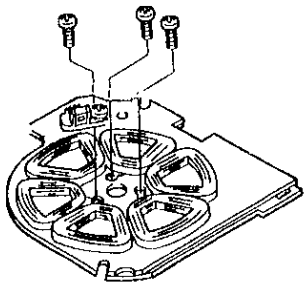
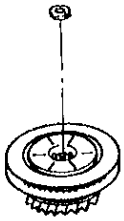
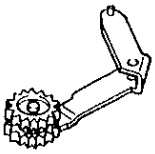
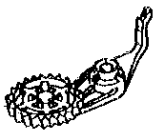
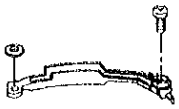
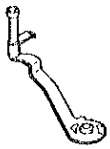
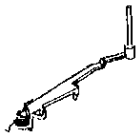
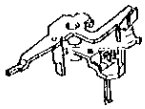


Fig. D8 Parts Access Flow Chart for Replacing.

6. Assembly/Disassembly Chart.
When disassembling this mechanism, put the parts on this table. The number indicated on each part shown the order of disassembly.

PARTS NAME	1. MACHANISM CONNECTION C. B. A.	2. TENSION ROLLER & SS BRAKE UNIT	3. TIMING BELT
PARTS & FIGURES	 BOTTOM	 BOTTOM	 BOTTOM
REMARKS			
PARTS NAME	4. TOP PLATE	5. HOLDER PLATE	6. CASSETTE HOLDER
PARTS & FIGURES	 TOP	 TOP	 TOP
REMARKS			
PARTS NAME	7. OPENER PIECE	8. PINCH ARM UNIT	9. LOADING MOTOR BRACKET
PARTS & FIGURES	 TOP	 TOP	 BOTTOM
REMARKS			
PARTS NAME	10. WORM WHEEL GEAR	11. MAIN LEVER UNIT	12. TAKE-UP LOADING ARM
PARTS & FIGURES	BOTTOM	 BOTTOM	 BOTTOM
REMARKS			

PARTS NAME	13. SUPPLY LOADING ARM	14. MODE SWITCH	15. MAIN CAM GEAR
PARTS & FIGURES	 BOTTOM	 BOTTOM	 BOTTOM
REMARKS			
PARTS NAME	16. CAPSTAN STOPPER	17. CAPSTAN ROTOR	18. CAPSTAN STATOR
PARTS & FIGURES	 BOTTOM	 BOTTOM	 BOTTOM
REMARKS			
PARTS NAME	19. SUB CAM GEAR	20. CENTER CLUTCH	21. IDLER REGULATOR LEVER
PARTS & FIGURES	BOTTOM	 BOTTOM	BOTTOM
REMARKS			
PARTS NAME	22. CONNECTION LEVER UNIT	23. TAKE-UP REEL GEAR	24. SUPPLY REEL GEAR
PARTS & FIGURES	 BOTTOM	BOTTOM	BOTTOM
REMARKS			

PARTS NAME	25. IDLER ARM UNIT	26. P5 POST STOPPER	27. P5 STOPPER BASE
PARTS & FIGURES	 BOTTOM	TOP	 TOP
REMARKS			
PARTS NAME	28. PINCH CAM GEAR	29. P5 ARM UNIT	30. TAKE-UP REEL
PARTS & FIGURES	TOP	 TOP	TOP
REMARKS			
PARTS NAME	31. TAKE-UP TENSION REGULATOR ARM UNIT	32. TAKE UP BRAKE ARM UNIT	33. CARRIAGE CONNECTION GEAR
PARTS & FIGURES	 TOP	 TOP	TOP
REMARKS			